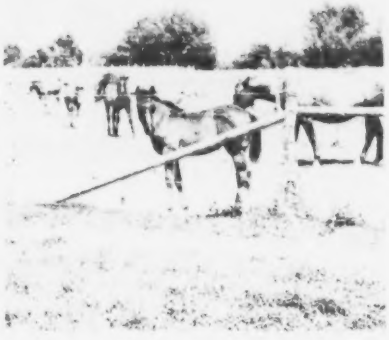
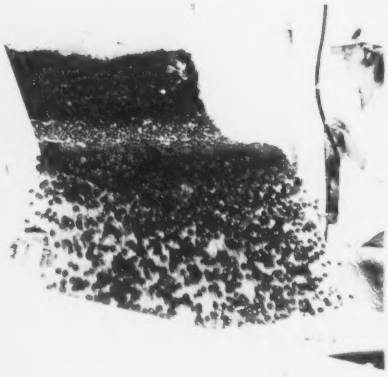
UTAH
AGRICULTURAL Statistics
1983





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SCOTT M. MATHESON
GOVERNOR

STATE OF UTAH

OFFICE OF THE GOVERNOR
SALT LAKE CITY
84114

To the Citizens of the State of Utah:

It is again my privilege and pleasure to present to you, the people of Utah, the Utah Agriculture Statistics for 1983 reflecting the status of one of the most important industries in our state.

Farmers, ranchers, urban residents--every citizen feels the impact that agriculture has on his life, particularly in the cost and availability of food supplies.

This volume contains a large amount of useful material for handy reference and is a major contribution by the Utah Department of Agriculture and the USDA Statistical Reporting Service. Every citizen of this state should find something worthwhile in this report.

My thanks and gratitude to those people responsible for the preparation of this book.

Sincerely,

Governor

STATE OF UTAH

DEPARTMENT OF AGRICULTURE

350 North Redwood Road • Salt Lake City, Utah 84116 • (801) 533-5421

SCOTT M. MATHESON
GOVERNOR

STEPHEN T. GILLMOR
COMMISSIONER

Dear Friends of Utah Agriculture:

It has been said that in the last 100 years, agriculture has advanced more than in all the millenniums since man first scratched the ground with a stick. This is substantiated by the statistics contained in this book.

I have observed first-hand the work of today's researchers that have discovered new knowledge enabling agriculture and the nation to obtain new technology and methods.

The future has many obstacles to overcome. Population continues to grow while energy, financial reserves, and other resources are limited. Some solutions to these conditions must be found. As agricultural experts, we are optimistic about food production. We can "feed the world of tomorrow" by reshaping plants by making better use of photosynthesis, by harvesting the oceans, by developing super plants and animals, by "inventing" food in ways that haven't even been thought of. That may not be enough; we must solve some "people problems" too. We need to establish some priorities for agriculture especially in the State of Utah.

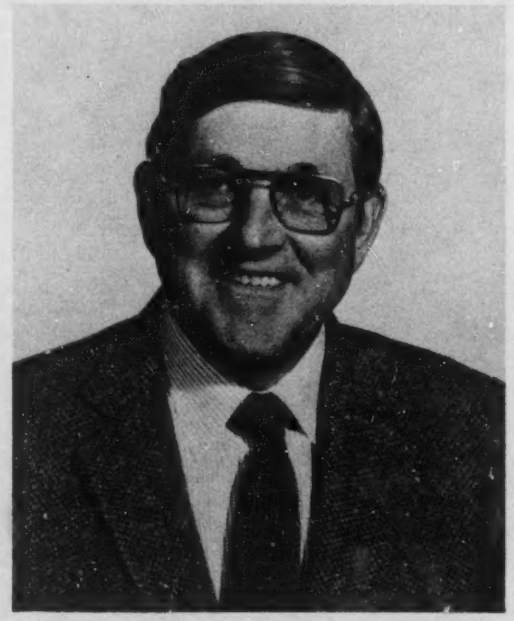
It is hoped the information found in this report will be beneficial to those setting these priorities for agriculture has a definite bearing on the economy of our State.

It is the privilege of the Utah Department of Agriculture in cooperation with the Utah Crop and Livestock Reporting Service to present this statistical report to you. This has been possible under an agreement between the Utah Department of Agriculture and the USDA Statistical Reporting Service.

As Commissioner of Agriculture for the State of Utah, I am proud of the time and effort spent by the dedicated employees of these agencies to gather and disseminate this information to you.

Sincerely,

Stephen T. Gillmor
Commissioner



UTAH AGRICULTURAL STATISTICS 1983

This report has been compiled and published as a cooperative effort and function of the following agencies of Federal and State Government.

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We would like to thank Cleon Cotter, USU Extension Service; and producer groups around the state for photographs used in this publication.

INTRODUCTION

For the past three years, farm income has been falling. Large stocks of key commodities, and a faltering economy on the demand side and rising input costs on the supply side have trimmed profits down to a subsistance point for many farmers. A look back at our country's economic development reveals other rough spots along the road. In fact, economic progress has often come in fits and jerks with the most flexible businesses surviving and growing, and the others eventually dying.

Agriculture is one industry we can't afford to lose. All other technological progress in the country has been built on the foundation of an efficient agricultural sector. When only 3 percent of the population produce all of the food, the other 97 percent are free to do other things. The keys to the survival of agriculture, now as always, are efficiency and flexibility. But now as never before attention to management detail is vital. The farmer who can shave a few cents per bushel off the production cost of his grain, and the stockman who can produce a consumer product for slightly less than he did a year ago, will survive and make a profit.

To move in the desired direction will take a cooperative effort. The agricultural industry will need all the help it can get from production and marketing experts, as well as economic forecasters. The aim of this publication is to help fill the information needs of the farmers and ranchers; and the corps of sideline helpers who do the research, develop the markets, predict the future, and pass the legislation having to do with food and fiber production. To operate in the dark is a shortcut to failure. We hope this publication will be widely used to shed some light on the problems of agriculture and, hopefully, point the way to some solutions.

James G. Christensen

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COMMISSIONER'S LETTER

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POPULATION

Population of Counties, Utah

County	U. S. Census - April 1, 1980						July 1, 1982 Est. 2/
	Total	Urban		Rural			
		Total Urban 1/	Percent of Total	Total Rural	Places of 1,000 to 2,500	Other Rural	Total
Beaver	4,378	--	--	4,378	3,085	1,293	4,750
Box Elder	33,222	19,060	57.3	14,162	3,730	10,432	34,900
Cache	57,176	38,464	67.3	18,712	11,095	7,617	62,200
Carbon	22,179	11,810	53.2	10,369	3,348	7,021	24,600
Daggett	769	--	--	769	--	769	850
Davis	146,540	143,499	97.9	3,041	--	3,041	157,800
Duchesne	12,565	3,842	30.6	8,723	1,677	7,046	13,600
Emery	11,451	--	--	11,451	8,209	3,242	12,900
Garfield	3,673	--	--	3,673	1,343	2,330	3,850
Grand	8,241	5,333	64.7	2,908	92	2,816	8,100
Iron	17,349	10,972	63.2	6,377	1,836	4,541	18,300
Juab	5,530	3,285	59.4	2,245	--	2,245	5,800
Kane	4,024	--	--	4,024	2,148	1,876	4,200
Millard	8,970	--	--	8,970	4,013	4,957	10,400
Morgan	4,917	--	--	4,917	1,896	3,021	5,200
Piute	1,329	--	--	1,329	--	1,329	1,400
Rich	2,100	--	--	2,100	--	2,100	2,400
Salt Lake	619,066	613,466	99.1	5,600	--	5,600	655,000
San Juan	12,253	3,118	25.4	9,135	1,929	7,206	12,700
Sanpete	14,620	2,810	19.2	11,810	6,470	5,340	16,400
Sevier	14,727	5,482	37.2	9,245	3,468	5,777	15,600
Summit	10,198	2,823	27.7	7,375	2,095	5,280	11,400
Tooele	26,033	18,754	72.0	7,279	2,745	4,534	26,800
Uintah	20,506	6,600	32.2	13,906	2,216	11,690	24,000
Utah	218,106	197,267	90.4	20,839	6,843	13,996	235,500
Wasatch	8,523	4,362	51.2	4,161	1,194	2,967	8,700
Washington	26,065	14,442	55.4	11,623	5,635	5,988	29,600
Wayne	1,911	--	--	1,911	--	1,911	2,050
Weber	144,616	127,671	88.3	16,945	2,379	14,566	151,000
State Total	1,461,037	1,233,060	84.4	227,977	77,446	150,531	*1,560,000

1/ Urban population includes persons living in areas or places of 2,500 inhabitants or more. 2/ State Planning Commission, State of Utah.
*May not add due to rounding.

Farm Population vs. Total Population, Utah, 1920-1980 Censuses

Year	Total Population	Farm Population	
		Number	% of Total
1920	451,000	141,000	31.3
1930	508,000	116,000	22.8
1940	550,000	105,000	19.1
1950	689,000	81,000	11.8
1960	891,000	65,000	7.3
1970	1,059,000	38,000	3.6
1980	1,461,000	N/A	

"Farm Population Estimates" Rural Development Service, USDA Statistical Bulletin.

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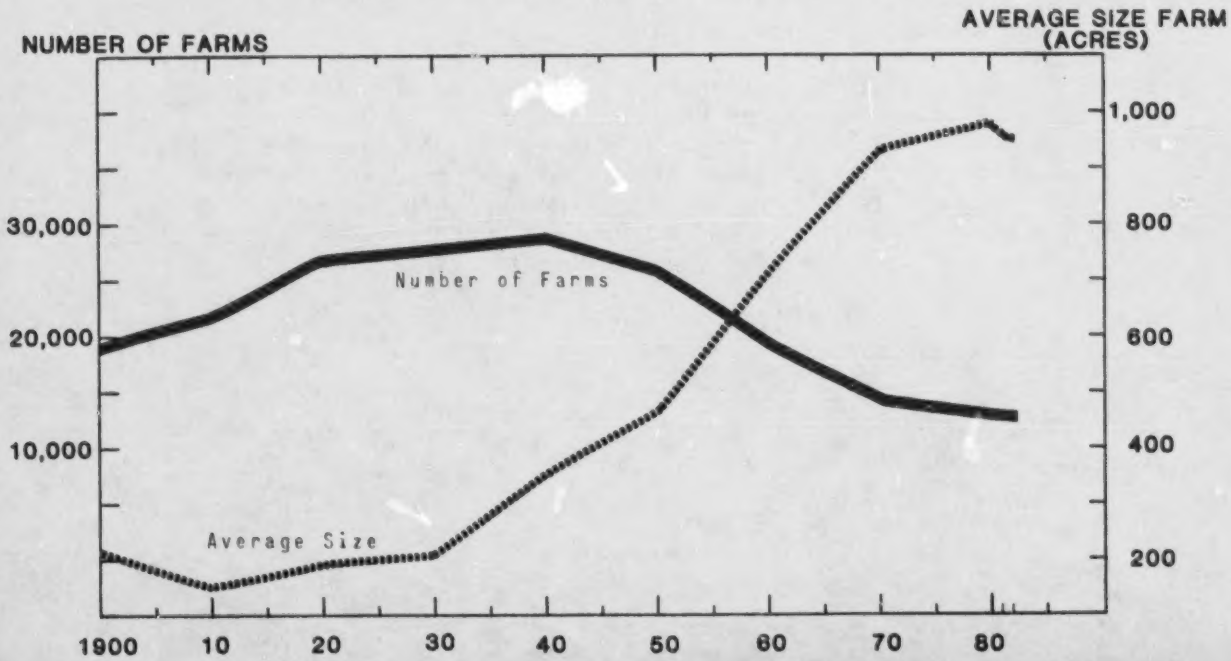
NUMBER OF FARMS

Basic to almost anyone associated with any of the many businesses, institutions, or associations interested in agriculture, are the number of farms and land in farms in the United States. Answers to the questions: "How many", "Where are they", "What is their size", "How many kinds", etc. have been needed since the search first started in 1862. That was when Abraham Lincoln signed the first statistical agency, devoted to such items, into being after Congress had appropriated funds. The ups and downs of farm numbers and land in farms have been linked with agriculture statistics since that time. As the nation spread westward, naturally farm numbers increased, until the continent was filled.

Since the great depression, and the machine age, farm numbers seemed to decline steadily. Today, several forces are at work changing the farm numbers. Labor costs and machine capacity are forcing farm sizes to expand in search of the point of diminishing returns. On the other hand, hobby farmers, and subdivision of farm land, tend to break farms into smaller units. Therefore, some local areas have expanding farm sizes while others are declining. The result is the stabilizing, and even a reversal, of a long-time trend of decreasing farm numbers. The trend towards large commercial-type farms, however, is expected to continue. At the present time, the greater part of the agricultural output is produced on large farms. In Utah, farm numbers dropped to a low of 12,600 before increasing to about 13,000. The latest estimate was set at 12,900.

UTAH - NUMBER OF FARMS AND AVERAGE ACREAGE PER FARM, 1900 - 1982



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Number of Farms and Land in Farms, Selected Years 1850-1982 1/.

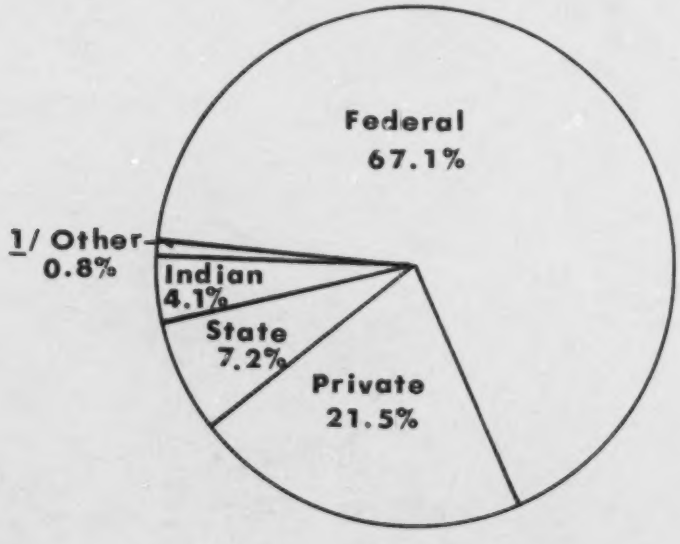
Year	UTAH			UNITED STATES		
	Farms	Land in Farms		Farms	Land in Farms	
		Average	Total		Average	Total
	Number	Acres	1,000 Acres	1,000	Acres	1,000,000 Acres
1850.....	926	51	47	1,449	203	294
1860.....	3,635	25	90	2,044	199	407
1880.....	9,452	69	656	4,009	134	536
1900.....	19,387	212	4,117	5,737	146	839
1920.....	25,662	197	5,050	6,448	148	956
1930.....	27,159	207	5,613	6,289	157	987
1936 2/.....	30,800	--	--	--	--	--
1940.....	28,500	354	10,100	6,097	174	1,061
1950.....	25,800	465	12,000	5,382	215	1,159
1960.....	19,000	716	13,600	3,963	297	1,176
1965.....	16,500	818	13,500	3,356	340	1,140
1970.....	14,100	936	13,200	2,949	374	1,102
1975 3/.....	12,600	1,000	12,600	2,521	420	1,059
1976.....	12,700	992	12,600	2,497	422	1,054
1977.....	12,800	984	12,600	2,456	427	1,048
1978.....	12,900	977	12,600	2,436	429	1,045
1979.....	13,000	969	12,600	2,430	429	1,043
1980.....	13,000	969	12,600	2,428	429	1,042
1981.....	13,000	954	12,400	2,436	429	1,045
1982 4/.....	12,900	953	12,300	2,437	429	1,046

1/ 1850-1931 from U.S. Census of Agriculture--1940-82 are USDA estimates.
2/ Record high number of farms in Utah.
3/ Starting with 1975 the figures are based on the "new definition" which is a place with annual sales of agricultural products of $1,000 or more. Prior to this definition "a farm" included places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.
4/ Preliminary.

LAND INVENTORY

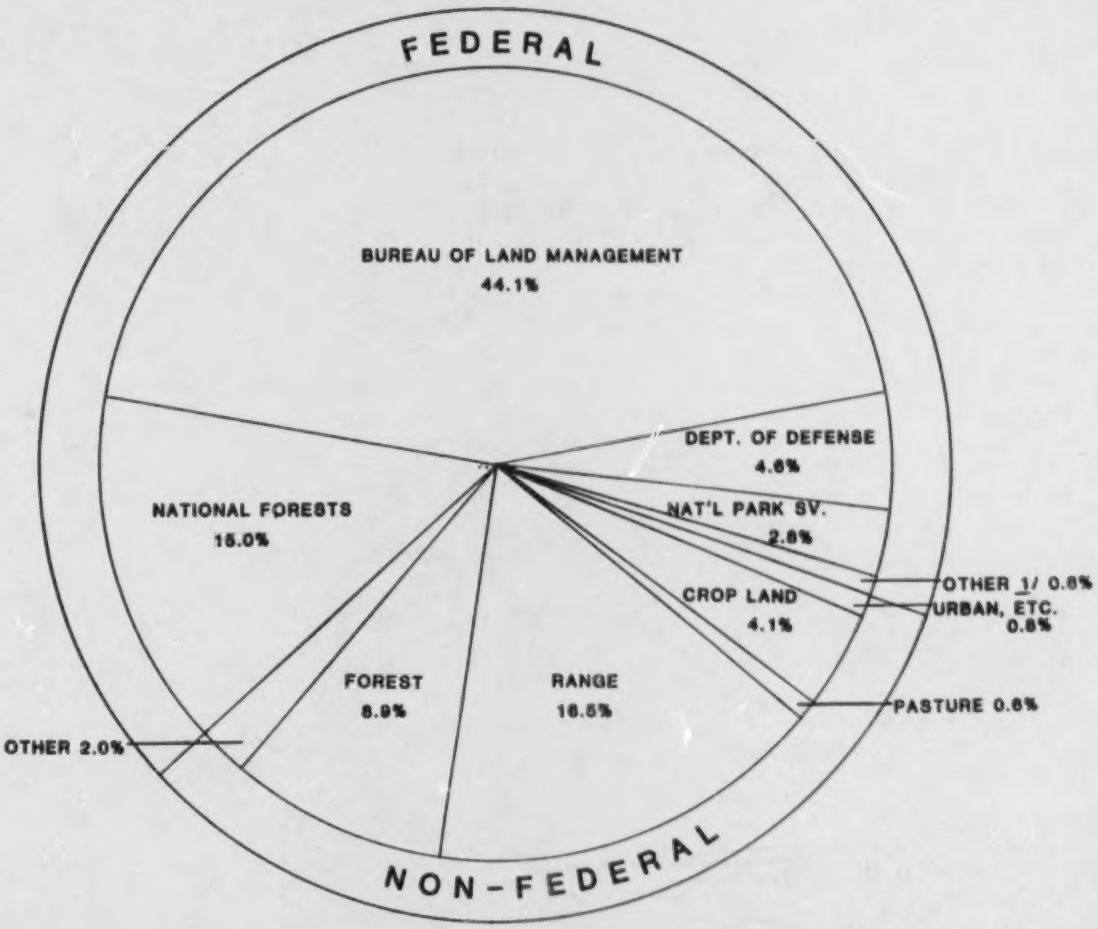
Most of Utah's land area is used for agricultural purposes, however, the great majority is suitable only for grazing livestock. According to the Utah Conservation Needs Inventory Report, Soil Conservation Service, U.S. Department of Agriculture, October 1970, only 4.1 percent of the land area in Utah was cropland in 1967. Of this amount, nearly two-thirds was irrigated cropland. Counties in north central Utah had the highest proportion of their land area in cropland--varying from 10.6 percent in Utah and Box Elder Counties to 25.4 percent in Cache. In other sections of the state, every county had less than 10 percent of its land area in cropland and most had less than 4 percent with the lowest, 0.3 percent, in Grand.

Two-thirds of the land in Utah is under Federal ownership and control. State owned lands amount to 7 percent of the total area and Indian lands are 4 percent of the total. Urban areas, roads, railroads, and small water areas account for less than 1 percent of the total. This leaves only about 21 percent of the state's land area under private ownership (excluding cities and towns). In north central counties, private ownership as a percent of the total land varies from 47 percent to 92 percent. In contrast, in south central and southeast counties, only 4 to 8 percent of the land area is under private ownership.



LAND AREA BY OWNERSHIP, UTAH 1967
(Total exceeds 100% due to duplication in one county.)

1/ Urban, roads, railroads, and small water areas.



USE OF NON-FEDERAL LANDS AND ADMINISTRATION
OF FEDERAL LANDS, UTAH, 1967.

1/ Other Federal includes Bureau of Reclamation and Fish and Wildlife Service.

Cropland: Irrigated, Nonirrigated, and Total, Utah 1967.

County	Cropland				Total Land Area
	Irrigated	Non-irrigated	Total	Percentage of Total Land Area	
	Acres	Acres	Acres	Percent	Acres
Beaver....	39,441	668	40,109	2.4	1,653,760
Box Elder.	120,642	261,224	381,866	10.6	3,601,280
Cache.....	103,468	87,243	190,711	25.4	751,360
Carbon....	16,617	--	16,617	1.8	946,530
Daggett...	10,985	--	10,985	2.5	438,680
Davis.....	36,472	3,515	39,987	21.0	190,080
Duchesne..	74,963	46	75,009	3.6	2,083,900
Emery.....	46,295	--	46,295	1.6	2,844,580
Garfield..	31,869	1,863	33,732	1.0	3,318,400
Grand.....	5,934	165	6,099	0.3	2,366,080
Iron.....	59,146	21,990	81,136	3.8	2,112,000
Juab.....	23,844	68,371	92,215	4.2	2,183,680
Kane.....	8,912	5,011	13,923	0.5	2,570,240
Millard...	112,340	70,384	182,724	4.2	4,347,520
Morgan....	11,401	7,335	18,736	4.8	390,400
Piute.....	25,993	--	25,993	5.4	482,560
Rich.....	48,386	11,616	60,002	9.2	654,720
Salt Lake.	51,375	34,248	85,623	17.5	488,960
San Juan..	7,111	138,905	146,016	2.9	4,991,360
Sanpete...	84,130	12,575	96,705	9.5	1,022,080
Sevier....	64,836	2,612	67,448	5.5	1,234,560
Summit....	40,497	3,360	43,857	3.7	1,188,660
Tooele....	18,859	20,917	39,776	0.9	4,430,720
Uintah....	83,435	3,760	87,195	3.0	2,862,080
Utah.....	103,757	33,474	137,231	10.6	1,288,960
Wasatch...	26,959	--	26,959	3.5	762,240
Washington	21,751	16,318	38,069	2.5	1,553,280
Wayne.....	21,815	--	21,815	1.4	1,591,040
Weber.....	47,394	959	48,353	13.0	371,840
State.....	1,348,627	806,559	2,155,186	4.1	52,721,550

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U. S. Department of Agriculture, October, 1970.

Land Area in Utah by Ownership 1/, 1967.

County	State	Federal	Indian	Urban Roads & Railroads	Small Water 2/	Private	Total
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	156,330	1,266,443	--	10,646	187	220,154	1,653,760
Box Elder	199,880	1,633,700	--	26,284	150	1,741,266	3,601,280
Cache	28,680	268,131	--	18,235	919	435,395	751,360
Carbon	96,092	455,233	--	9,290	1,130	384,785	946,530
Daggett	24,171	348,341	--	2,066	550	63,552	438,680
Davis	812	42,671	--	23,646	118	122,833	190,080
Duchesne	74,502	980,597	240,164	4,317	733	783,587	2,083,900
Emery	304,624	2,325,218	--	12,095	220	202,423	2,844,580
Garfield	222,712	2,953,729	--	8,662	960	132,337	3,318,400
Grand 3/	362,105	2,053,635	200,274	10,149	20	157,488	2,366,080
Iron	134,803	1,215,203	--	14,698	20	747,276	2,112,000
Juab	178,526	1,569,966	39,038	13,569	50	382,531	2,183,680
Kane	217,996	2,200,574	--	6,346	36	145,288	2,570,240
Millard	400,955	3,286,068	--	24,602	1,240	634,655	4,347,520
Morgan	9,982	17,290	--	3,781	131	359,216	390,400
Piute	57,220	357,186	--	2,577	640	64,937	482,560
Rich	67,695	219,695	--	4,376	118	362,836	654,720
Salt Lake	4,286	110,335	--	66,118	243	307,978	488,960
San Juan	325,317	2,985,630	1,247,563	15,253	997	416,600	4,991,360
Sanpete	42,679	531,989	--	11,876	400	435,136	1,022,080
Sevier	46,187	939,842	--	12,285	247	235,999	1,234,560
Summit	11,481	516,934	--	6,610	1,380	652,255	1,188,660
Tooele	219,971	3,659,502	17,763	15,908	22	517,554	4,430,720
Uintah	232,625	1,856,529	411,023	10,576	1,396	349,931	2,862,080
Utah	64,136	572,302	--	52,414	403	599,705	1,288,960
Wasatch	56,252	450,035	--	3,622	253	252,078	762,240
Washington	94,556	1,171,516	--	10,232	140	276,836	1,553,280
Wayne	146,651	1,338,875	--	5,416	133	99,965	1,591,040
Weber	4,070	70,105	--	24,365	1,542	271,758	371,840
State Total	3,785,296	35,397,274	2,155,825	430,014	14,378	11,356,354	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile have been excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.
3/ An overlap between Federal and non-Federal land in Grand County by 417,591 acres.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Use of Land in Utah 1/ Excluding Federal, Urban, and Small Water 2/, 1967.

County	Cropland	Pasture	Range	Forest	Other	Cross Total	Total All Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	40,109	4,001	265,721	58,031	8,622	376,484	1,653,760
Box Elder	381,866	108,365	1,097,909	195,992	157,014	1,941,146	3,601,280
Cache	190,711	1,138	162,889	101,042	8,295	464,075	751,360
Carbon	16,617	--	166,869	277,199	20,192	480,877	946,530
Daggett	10,985	12	55,617	17,896	3,213	87,723	438,680
Davis	39,987	1,683	50,793	23,603	7,579	123,645	190,080
Duchesne	75,009	1,622	393,956	558,557	69,109	1,098,253	2,083,900
Emery	46,295	--	325,791	54,565	80,396	507,047	2,844,580
Garfield	33,732	3,660	227,139	60,120	30,398	355,049	3,318,400
Grand	6,099	1,664	137,270	150,016	7,227	302,276	2,366,080
Iron	81,136	17,830	445,196	321,375	16,542	882,079	2,112,000
Juab	92,215	7,508	252,695	230,551	17,126	600,095	2,183,680
Kane	13,923	11,795	84,813	250,708	2,045	363,284	2,570,240
Millard	182,724	6,431	670,372	91,535	84,548	1,035,610	4,347,520
Morgan	18,736	5,212	192,045	148,087	5,118	369,198	390,400
Piute	25,993	438	67,311	16,248	12,167	122,157	482,560
Rich	60,002	42,173	271,614	47,048	9,694	430,531	654,720
Salt Lake	85,623	10,556	132,385	69,594	14,106	312,264	488,960
San Juan	146,016	60,531	1,263,007	462,318	57,608	1,989,480	4,991,360
Sanpete	96,705	19,937	138,981	209,779	12,413	477,815	1,022,080
Sevier	67,448	884	117,159	83,985	12,710	282,186	1,234,560
Summit	43,857	1,718	284,292	292,359	41,510	663,736	1,188,660
Tooele	39,776	2,326	418,469	214,332	80,385	755,288	4,430,720
Uintah	87,195	1,561	560,420	179,040	165,363	993,579	2,862,080
Utah	137,231	4,571	325,014	188,644	8,381	663,841	1,288,960
Wasatch	26,959	292	126,829	141,333	12,917	308,330	762,240
Washington	38,069	4,729	181,112	124,459	23,023	371,392	1,553,280
Wayne	21,815	--	171,645	10,465	42,691	246,616	1,591,040
Weber	48,353	1,770	117,803	86,346	21,556	275,828	371,840
State Total	2,155,186	322,407	8,705,116	4,665,227	1,031,948	16,879,884	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile are excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Federal Land Acreage in Utah, Counties and State, 1982*.

County	Total Federal	National Forest	Bureau of Land Management	Department of Defense	Fish and Wildlife Service	National Park Service	Bureau of Reclamation
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver.....	1,387,391	137,859	1,249,532	--	--	--	--
Box Elder...	1,192,561	100,834	816,179	208,315	65,030	2,203	--
Cache.....	279,670	269,646	363	--	--	--	9,661
Carbon.....	489,054	30,199	429,177	3,628	--	--	26,050
Daggett.....	337,286	258,938	78,348	--	--	--	--
Davis.....	136,390	39,266	--	6,623	--	--	90,501
Duchesne....	1,079,105	726,175	201,200	--	--	--	151,730
Emery.....	2,314,935	212,883	2,085,301	--	2,581	--	14,170
Garfield....	3,082,983	1,045,527	1,577,173	--	--	460,283	--
Grand.....	1,665,451	57,527	1,534,287	--	--	73,637	--
Iron.....	1,167,749	243,525	915,218	--	--	9,006	--
Juab.....	1,637,712	117,838	1,501,882	--	17,992	--	--
Kane.....	2,207,404	124,284	1,607,998	--	--	475,122	--
Millard.....	3,396,516	362,586	3,029,788	--	4,142	--	--
Morgan.....	18,694	13,753	4,941	--	--	--	--
Piute.....	352,677	190,594	162,083	--	--	--	--
Rich.....	222,277	51,704	170,573	--	--	--	--
Salt Lake...	118,811	94,516	2,941	21,354	--	--	--
San Juan....	2,733,006	450,546	1,700,508	--	--	581,952	--
Sanpete.....	611,157	389,159	207,252	--	--	--	14,746
Sevier.....	994,500	715,273	274,577	--	--	4,650	--
Summit.....	523,211	519,471	3,740	--	--	--	--
Tooele.....	3,206,555	150,191	1,471,875	1,583,318	--	--	1,171
Uintah.....	1,753,910	270,430	1,343,528	--	11,949	42,093	85,910
Utah.....	649,212	485,392	70,841	--	2	250	92,727
Wasatch.....	373,434	369,064	4,370	--	--	--	--
Washington..	1,117,082	394,394	588,379	--	--	134,309	--
Wayne.....	1,490,965	156,485	1,036,642	--	--	297,838	--
Weber.....	203,659	67,732	80	2,071	--	--	133,776
State Total 1982.....	34,743,357	8,045,791	22,068,776	1,825,309	101,696	2,081,343	620,442

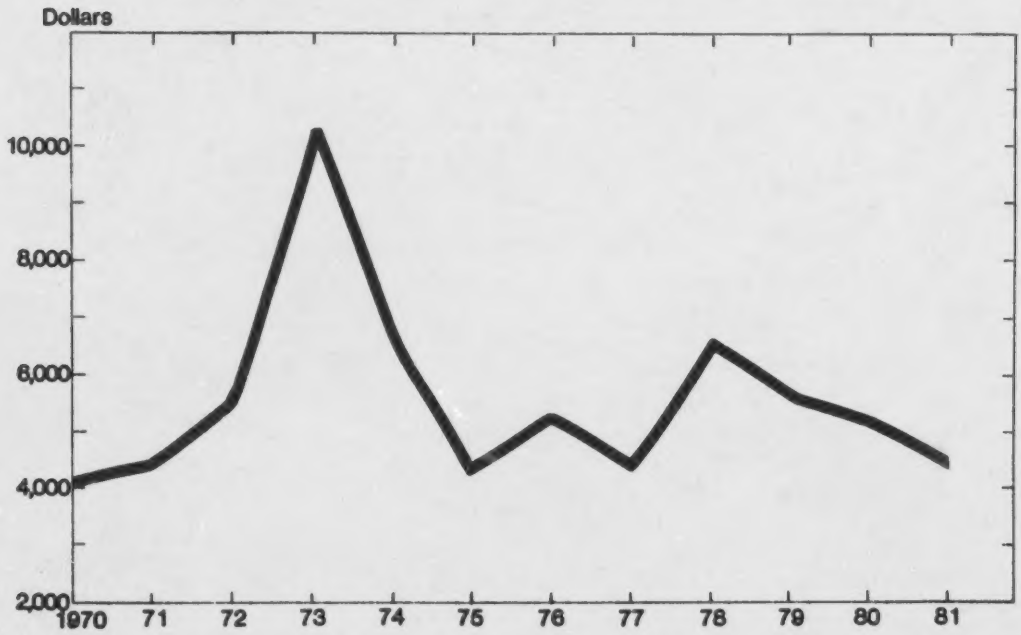
*Acreage supplied by the named agencies. In some cases, county breakouts are approximations. Current acreage figures should be obtained from the agency concerned.

FARM INCOME

For the first time since 1974, cash income to Utah farmers dropped in 1982. Cash receipts from crops and livestock dipped to $550.7 million, down 1 percent from a year earlier. Income from meat animals and dairy products were up fractionally in 1982; but other livestock, and nearly all crops, were down. Declines were led by fruit--down 10 percent. The frost-reduced crop and relatively low prices were to blame for the setback. Vegetables and other food crops were also off a significant 9 percent in 1982. The poor onion crop and low prices for dry beans were the main contributors to the drop in this category.

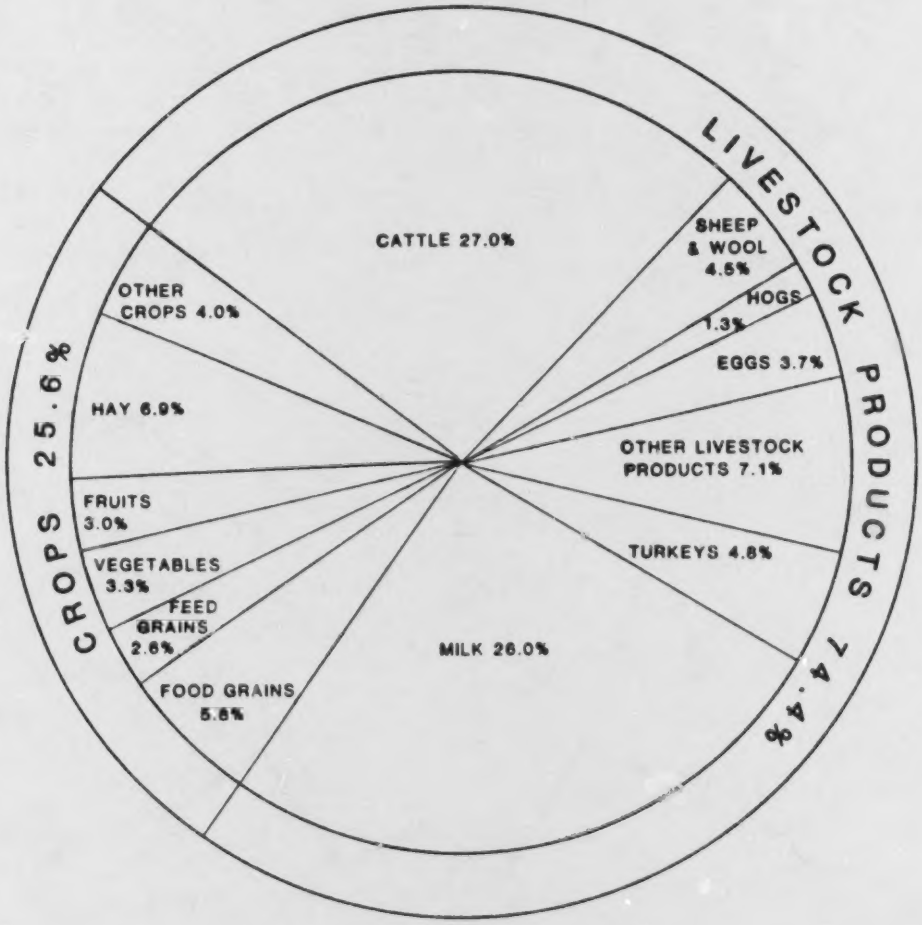
Net farm income figures are not yet available for 1982, but looking back to '81, the poor income position of Utah farmers is obvious. Realized net income, at $40.9 million, was off 18 percent from 1980 and was less than half the 1979 figure. Total net income per farm was just over $4700 in 1981--the lowest in over a decade. Over the past several years, cash receipts have trended upward, but production costs have skyrocketed. Between 1970 and 1981, costs more than tripled. In 1981 alone, there was an 8 percent jump. The recession of 1982 likely kept production costs in check, but it also dampened demand for many farm products. The net result was another year of low income for the state's farmers and ranchers.

UTAH, TOTAL NET FARM INCOME, 1970-81.



Looking ahead to the 1983 season, USDA experts see only a modest gain in farm income. Burdensome supplies of most crops will keep a lid on farm prices, at least through this year. Prices received for 1983 crops is expected to hold about steady. Some change could result from improvements in world economic conditions and increased exports, but change here is expected to be gradual.

Livestock prices could be up modestly in 1983. Economists are calling for about a 2 percent rise from 1982. Both cattle and hog slaughter are expected to be off slightly in 1983. If demand for meat improves along with the economy, modest upward pressure on prices can be expected. On the cost side, supplies of most farm input items are plentiful, so production cost increases should be small.



CASH RECEIPTS BY COMMODITIES

UTAH, 1981

Cash Receipts by Commodities, Utah, Selected Years.

Commodity	1960	1975	1980	1981		1/1982	
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	Percent	1,000 Dollars	Percent
All Commodities.....	161,989	330,188	530,871	554,905	100.0	550,660	100.0
Livestock Products.....	127,250	234,410	394,664	412,821	74.4	413,815	75.2
Meat Animals.....	62,968	99,403	182,901	176,420	31.8	177,044	32.2
Cattle, Calves.....	48,989	76,200	157,421	149,850	27.0		
Sheep, Lambs.....	11,402	17,234	19,562	19,598	3.5		
Hogs.....	2,577	5,969	5,918	6,972	1.3		
Dairy Products.....	28,843	77,919	127,544	144,069	26.0	148,047	26.9
Milk Wholesale.....	28,083	73,100	123,125	138,860	25.0		
Milk Retail.....	540	4,819	4,419	5,209	0.9		
Other.....	220	--	--	--	--		
Poultry and Eggs.....	24,429	40,320	43,889	47,546	8.6	47,383	8.6
Turkeys.....	13,733	27,796	26,740	26,762	4.8		
Eggs.....	8,638	11,265	16,905	20,565	3.7		
Farm Chickens.....	305	119	244	219	*		
Other.....	1,753	1,140	--	--	--		
Misc. Livestock.....	11,010	16,768	40,330	44,786	8.1	41,341	7.5
Wool.....	4,351	2,702	5,103	5,529	1.0		
Honey.....	272	1,089	927	995	0.2		
Beeswax.....	15	39	66	79	*		
Other.....	6,372	12,938	34,234	38,183	6.9		
Crops.....	34,739	95,778	136,207	142,084	25.6	136,845	24.8
Food Grains.....	6,422	24,045	28,435	32,354	5.8	31,090	5.6
Wheat.....	6,418	24,031	28,435	32,354	5.8		
Other.....	4	14	--	-	--		
Feed Crops.....	8,634	31,706	53,107	52,438	9.4	51,294	9.3
Hay.....	6,202	21,658	40,040	38,233	6.9		
Barley.....	2,087	7,185	10,159	10,704	1.9		
Corn.....	135	2,534	2,486	3,055	0.6		
Oats.....	210	329	422	446	0.1		
Vegetables.....	6,654	12,517	15,539	18,266	3.3	16,606	3.0
Potatoes.....	3,371	5,272	5,303	5,372	1.0		
Onions.....	434	2,164	5,455	7,798	1.4		
Dry Beans.....	105	1,506	979	1,151	0.2		
Misc. Vegetables.....	2,744	3,575	3,802	3,945	0.7		
Fruits, Nuts.....	3,309	7,972	14,494	16,535	3.0	14,852	2.7
Apples.....	512	2,857	5,716	6,989	1.3		
Peaches.....	559	2,090	1,873	2,177	0.4		
Cherries.....	829	1,882	4,840	5,533	1.0		
Pears.....	497	591	1,070	990	0.2		
Apricots.....	260	185	504	355	0.1		
Other Fruits, Nuts.....	652	367	491	491	0.1		
All Other Crops.....	9,720	19,538	24,632	22,491	4.1	23,003	4.2
Sugar Beets.....	6,164	9,566	707	*	*		
Greenhouse Nursery.....	1,600	4,060	13,100	13,100	2.4		
Alfalfa Seed.....	1,722	3,892	3,283	3,846	0.7		
Forest Products.....	30	120	400	400	0.1		
Other Crops.....	204	1,900	7,142	5,145	0.9		

Source: State Income and Balance Sheet Statistics, Economic Research Service, USDA. Note: Data for some items are confidential and are not listed. Also, data for minor commodities are not shown separately. Both classes of items are included in group totals. 1/ Preliminary.

*Less than 0.05 percent. Percents may not be accurate to 0.1 in last place because of method of machine computation.

Cash Receipts, Gross and Net Income from Farming, Utah, Selected Years.

Item	1940	1/1950	1/1960	1/1970	1/2/1979	1/2/1980	1/2/1981	3/1982
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Total for State								
Cash Receipts:								
Crops	12.6	--	--	--	127.2	136.2	142.1	136.8
Livestock & Livestock Products	34.0	--	--	--	385.5	394.7	412.8	413.8
Crops and Livestock	46.6	152.5	162.8	222.1	512.7	560.4	554.9	550.7
Government Payments	2.8	2.4	6.6	11.1	5.2	5.1	7.8	--
Nonmoney Farm Income	--	13.4	13.5	18.3	71.9	91.1	98.5	--
Other Farm Income	--	0.2	1.6	2.4	6.2	6.2	7.8	--
Realized Gross Farm Income 4/	--	168.6	184.5	253.9	596.1	662.8	669.0	--
Farm Production Expenses	--	108.9	148.2	195.4	505.7	583.4	628.1	--
Realized Net Farm Income 5/	--	59.6	36.2	58.6	90.3	79.4	40.9	--
Net Change in Farm Inventories	--	4.4	-5.8	1.9	14.9	24.6	20.3	--
Total Net Farm Income 6/	--	64.0	30.4	60.5	105.2	103.9	61.3	--
Average Per Farm	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
Realized Gross Income per Farm	--	6,534	9,708	18,010	45,851	50,987	51,461	--
Realized Net Income per Farm	--	2,312	1,906	4,153	6,948	6,106	3,149	--
Total Net Income per Farm	--	2,481	1,599	4,291	8,092	7,995	4,713	--

1/ Source: "Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics", Economic Research Service, USDA. 2/ Based on the 1974 Census of Agriculture definition of a farm, which is a farm with sales of $1,000 or more. 3/ Source: "Cash Receipts from Farm Marketings", January-December. 4/ Cash receipts plus government payments, nonmoney farm income, and other farm income. 5/ Realized gross farm income less farm production expenses. 6/ Realized net farm income plus net change in farm inventories.

Farm Operating Expenses, Utah, Selected Years.

Item	1950	1960	1970	1/1979	1/1980	1/1981
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Feed	25.9	32.1	42.9	94.6	101.5	111.3
Livestock	12.2	11.6	14.6	31.9	28.8	28.0
Seed	2.7	2.2	2.6	8.0	9.1	10.8
Fertilizer & Lime	1.7	1.9	4.1	11.9	15.5	6.1
Repairs and Operation of Capital Items	15.8	21.4	25.2	73.5	88.6	96.7
Miscellaneous	11.5	16.4	27.1	94.7	108.1	125.9
Hired Labor	14.7	15.0	15.1	40.4	46.1	48.5
Total Current Farm Operating Expenses	84.5	100.7	131.6	355.0	397.8	427.3
Depreciation & Other Consumption of Farm Capital	13.3	20.9	33.7	94.5	117.6	123.2
Taxes of Farm Property	5.7	8.0	10.4	15.4	16.2	16.2
Interest on Farm Mortgage Debt	2.1	5.2	8.0	26.8	32.3	39.2
Net Rent to Nonfarm Landlords	2.9	4.9	5.5	14.1	19.7	22.2
Total Production Expenses (Revised 9/81)	108.9	148.2	194.3	505.7	583.4	628.1

1/ Source: "Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics", Economic Research Service, USDA.

FIELD & SEED CROPS

"Variety" is a key word when referring to agriculture in Utah, but "limited" is a key word also. The frost-free period ranges from 220 days in Washington County (southwest) to 55 days in Rich County (northern). The annual average temperature varies from 61 degrees to 36 degrees between these same areas. The average annual rainfall ranges from a low of 4.9 to 43.8 inches, with a statewide average of 11.4. Topography changes from arid, sandy desert to high rocky mountain valleys. Agriculture is generally limited to the proximity of water for irrigation, and many times isolated from other areas by the mountain ranges. Because of this, Utah agriculture is generalized in nature. Livestock is the largest source of income, and crops grown are feed crops and hay converted to income through livestock and livestock products. Along the foothills of the Wasatch Mountains, the climate is well suited for orchards and row crops, and made possible by irrigation. Some mountain valleys are large enough, and enough snowfall is received, to maintain dryland winter wheat.

Normally, during the summer months, rainfall is limited to local showers falling in sparse amounts. During 1982, the exception was the rule. Most areas of the state received some precipitation every week. Land preparation, during March and April, was delayed somewhat because of recurring showers. Temperatures were generally below normal, and early morning frosts nipped swelling peach, apricot, and cherry blossoms. Some late frosts caught wheat and barley in the flower stage; but generally, the slow cool spring months were ideal for small grain production, and excellent yields were received throughout the state.

July and August were difficult for hay producers. The dry, hot weeks--so suited for drying hay--did not materialize, and many acres of alfalfa lay molding in the swath or windrow caught by an untimely rain shower. Plenty of hay was produced, but the usual high quality was compromised.

More of the same in September and October. Heavy downpours stranded corn and potato harvest equipment in the fields. Onion producers lost a good deal of the onion crop because it was unable to dry before going into storage.

Winter Wheat: Utah winter wheat production totaled 7,922,000 bushels, not a record but coming close to the previous high set in 1981. Planted acreage was down 10,000 acres, but the harvested acreage declined only 2,000 acres. The yield averaged 34.0 bushels per acre, within one bushel of the previous high of last year.

Spring Wheat: The yield of spring wheat was definitely a record--50.0 bushels per acre. The next highest was 48.0 set in 1980, and 45.0 recorded in 1981. Total production from the 33,000 acres harvested was 1,650,000 bushels--the largest total production of spring wheat since 1974. This is somewhat of a comeback for spring wheat in Utah. As early as 1918, Utah growers were producing as much as 4,000,000 bushels of spring wheat, but acreage declined in recent years.

Barley: Production of barley totaled 13,202,000 bushels in 1982, the largest crop of record. Not only were the acres harvested the highest, but growers achieved an average of 82.0 bushels per acre--10.0 bushels more than a year ago--the closest contender.

Oats: A cool, moist early spring was favorable for oats production. The oats produced for grain totaled 960,000 bushels. Not since the 70's has oats production been that high in Utah. The 1982 yield per acre averaged 64.0 bushels. The next highest was 61.0 in 1980.

Corn for Grain: Once again, Utah corn producers came up with a record corn for grain yield. This is the third year of record yields. The 1982 record was set at 118.0 bushels per acre. Harvested acres, at 17,000, was up from a year ago. Plenty of irrigation water, and warm temperatures during the summer, helped the corn produce exceedingly well.

Corn for Silage: In Utah, corn is grown primarily for silage. The varieties planted are intended for high forage production rather than grain. In 1982, a full 20.0 ton per acre yield was obtained. For several years, 19.5 tons were reached, but never 20.0. From the 69,000 acres harvested, 1,380,000 tons were produced.

Potatoes: After three years of declining potato yields, the 1982 crop averaged 225 hundredweight (cwt.) per acre, 5 cwt. better than a year earlier. Production from the 5,800 acres harvested totaled 1,305,000 cwt., an increase of 2 percent from last year.

Hay: The 1982 season was not the greatest for hay production. Growing conditions were mostly favorable, but difficult for making hay. The first crop was delayed by a cool spring, and was smaller than normal. Other cuttings might have been better, but were hampered by grower inability to clear the fields for the following cutting. Rains and thundershowers, during the hay making season, delayed the process and reduced the quality of hay made. Total production was 1,880,000 tons alfalfa, and 238,000 tons other types. Alfalfa averaged 4.00 tons per acre, and other hay 1.90.

Corn: Acreage Planted and Acreage Harvested by Use, Utah, Selected Years.

Year	Planted Total	Harvested			
		Total	For Silage	For Grain	For Forage 1/
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
1940.....	29	27	10	10	7
1950.....	31	30	21	5	4
1960.....	49	47	41	3	3
1970.....	63	62	49	10	3
1974.....	95	94	78	14	2
1975 2/.....	100	98	80	15	3
1976 2/.....	100	98	80	15	3
1977.....	80	78	62	13	3
1978.....	92	90	71	16	3
1979.....	96	94	76	16	2
1980 2/.....	100	97	79	15	3
1981.....	90	87	70	15	2
1982.....	90	88	69	17	2

1/ Includes corn hogged, grazed, and that cut and fed without removing ears. 2/ Record high acreage of corn.

Corn for Silage: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	Ton	1,000 Tons	Dollars per Ton	1,000 Dollars
1940.....	10	9.4	94	--	--
1950.....	21	11.0	231	7.50	1,732
1960.....	41	14.5	594	8.00	4,752
1970.....	49	18.0	882	9.80	8,644
1974.....	78	17.0	1,326	17.20	22,807
1975 1/.....	80	18.0	1,440	15.90	22,896
1976 1/.....	80	16.0	1,280	17.30	22,144
1977.....	62	17.0	1,054	17.20	18,129
1978.....	71	16.0	1,136	15.80	17,949
1979.....	76	19.5	1,482	18.30	27,121
1980.....	79	19.0	1,501	21.10	31,671
1981.....	70	19.5	1,365	19.70	26,891
1982.....	69	20.0	1,380	21.50	29,670

1/ Record high acreage of corn harvested for silage.

Corn Harvested for Grain: Acreage Harvested, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 1/
	1,000 Acres	Bushel	1,000 Bushels	Dollars per Bu.	1,000 Dollars	1,000 Bushels	1,000 Dollars
1940.....	10	29.0	290	--	--	--	--
1950.....	5	50.0	250	--	--	--	--
1960.....	3	64.0	192	1.50	288	48	72
1970.....	10	90.0	900	1.40	1,260	495	693
1974.....	14	80.0	1,120	3.10	3,472	739	2,291
1975.....	15	86.0	1,290	3.00	3,870	903	2,709
1976.....	15	90.0	1,350	2.55	3,443	945	2,410
1977.....	13	89.0	1,157	2.45	2,835	764	1,872
1978.....	16	90.0	1,440	2.65	3,816	994	2,634
1979.....	16	94.0	1,504	2.95	4,437	1,053	3,106
1980.....	15	100.0	1,500	3.75	5,625	1,050	3,938
1981.....	15	110.0	1,650	3.37	5,561	Discontinued April, 1981	
1982 2/.....	17	118.0	2,006	2.95	5,918		

1/ Quantity sold times season average price. 2/ Record high acreage of corn harvested for grain.

Winter Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1940.....	191	180	19.0	3,420	.63	2,155
1950.....	344	326	16.0	5,216	1.86	9,702
1953 1/.....	362	342	17.0	5,814	1.90	11,047
1960.....	193	181	18.5	3,348	1.71	5,725
1970.....	200	191	27.0	5,157	1.41	7,271
1974.....	259	243	26.0	6,318	4.01	25,335
1975.....	250	238	24.0	5,712	3.45	19,706
1976.....	265	235	23.5	5,523	2.57	14,194
1977.....	252	215	23.0	4,945	2.43	12,016
1978.....	263	231	29.0	6,699	2.99	20,030
1979.....	271	242	24.0	5,808	3.63	21,083
1980.....	260	242	31.0	7,502	3.87	29,033
1981.....	250	235	35.0	8,225	3.70	30,433
1982.....	240	233	34.0	7,922	3.40	26,935

1/ Record high acreage of winter wheat harvested.

Spring Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1918 1/.....	--	160	25.0	4,000	1.88	7,520
1940.....	68	66	31.0	2,046	.65	1,330
1950.....	84	82	32.0	2,624	1.86	4,881
1960.....	52	48	40.5	1,944	1.61	3,130
1970.....	23	21	44.0	924	1.36	1,257
1974.....	60	52	32.0	1,664	3.94	6,556
1975.....	59	50	33.0	1,650	3.42	5,643
1976.....	54	45	31.0	1,395	2.52	3,515
1977.....	33	30	24.0	720	2.43	1,750
1978.....	47	39	36.0	1,404	2.94	4,128
1979.....	43	40	41.0	1,640	3.48	5,707
1980.....	32	30	48.0	1,440	3.74	5,386
1981.....	32	30	45.0	1,350	3.69	4,982
1982.....	35	33	50.0	1,650	3.60	5,940

1/ Record high acreage of spring wheat harvested.

All Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940.....	259	246	22.2	5,466	.64	3,498		
1950.....	428	408	19.2	7,840	1.86	14,583	5,108	9,501
1953 2/.....	467	444	20.7	9,180	1.89	14,350		
1960.....	245	229	23.1	5,292	1.67	8,855	4,172	6,967
1970.....	223	212	28.7	6,081	1.40	8,528	5,333	7,479
1974.....	319	295	27.1	7,982	4.00	31,891	7,447	29,754
1975.....	309	288	25.6	7,362	3.44	25,349	6,560	22,588
1976.....	319	280	24.7	6,918	2.56	17,709	6,102	15,618
1977.....	285	245	23.1	5,665	2.43	13,766	4,793	11,645
1978.....	310	270	30.0	8,103	2.98	24,158	7,325	21,838
1979.....	314	282	26.4	7,448	3.60	26,790	6,659	23,949
1980.....	292	272	32.9	8,942	3.85	34,419	8,209	32,228
1981.....	282	265	36.1	9,575	3.70	35,415	Discontinued Apr. 1981	
1982.....	275	266	36.0	9,572	3.43	32,875		

1/ Quantity sold times season average price excl. price support. 2/ Record high acreage of all wheat harvested.

Barley: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940.....	109	107	41.0	4,387	.46	2,018	1,009	464
1950.....	146	141	44.0	6,204	1.16	7,197	2,109	2,446
1957 2/.....	197	190	45.0	8,550	.93	7,952		
1960.....	160	147	43.5	6,394	1.00	6,394	1,982	1,982
1970.....	148	141	58.5	8,249	1.07	8,826	3,217	3,442
1974.....	144	131	54.0	7,074	2.86	20,232	2,830	8,094
1975.....	144	135	60.0	8,100	2.50	20,250	2,835	7,088
1976.....	151	130	55.0	7,150	2.21	15,802	2,717	6,005
1977.....	149	125	54.0	6,750	1.99	13,433	2,363	4,702
1978.....	165	150	65.0	9,750	2.04	19,890	3,510	7,160
1979.....	160	145	72.0	10,440	2.39	24,952	3,863	9,233
1980.....	162	148	73.0	10,804	2.88	31,116	3,889	11,473
1981.....	169	154	72.0	11,088	2.59	28,718	Discontinued April 1981	
1982.....	171	161	82.0	13,202	2.25	29,705		

1/ Quantity sold times season average price--excluding price support. 2/ Record high acreage of barley harvested.

Oats: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1910 2/.....	--	82	39.5	3,239	.49	1,587		
1940.....	46	39	39.0	1,521	.34	517	167	57
1950.....	56	51	45.0	2,295	.89	2,043	367	327
1960.....	29	23	46.0	1,058	.83	878	201	167
1970.....	24	17	60.0	1,020	.76	775	255	194
1974.....	21	12	53.0	636	1.85	1,177	159	294
1975.....	22	13	56.0	728	1.80	1,310	175	315
1976.....	22	12	57.0	684	1.75	1,197	164	287
1977.....	20	10	55.0	550	1.45	798	154	223
1978.....	27	15	58.0	870	1.55	1,349	226	350
1979.....	26	15	60.0	900	1.70	1,530	225	383
1980.....	26	15	61.0	915	1.95	1,784	229	447
1981.....	26	14	57.0	798	2.28	1,819	Discontinued April 1981	
1982.....	28	15	64.0	960	1.85	1,776		

1/ Quantity sold times season average price. 2/ Record high acreage of oats harvested.

Dry Beans: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Pounds	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars	1,000 Cwt.	1,000 Dollars
1940.....	9	9	500	40	3.55	142	38	135
1950.....	12	11	280	27	6.40	173	26	166
1960.....	8	6	300	18	7.10	128	17	121
1970 2/.....	20	20	430	86	7.90	679	83	656
1974.....	16	16	310	50	29.60	1,480	48	1,421
1975.....	17	17	420	71	18.60	1,321	69	1,283
1976.....	13	13	390	51	12.10	617	50	605
1977.....	5	1	200	2	19.90	40	2	40
1978.....	9	8	300	24	17.90	430	23	412
1979.....	8	8	400	32	29.20	934	31	905
1980.....	12	11	380	42	28.00	1,176	41	1,107
1981.....	15	14	430	60	12.40	744	Discontinued April 1981	
1982.....	11	10	460	46	12.00	552		

1/ Quantity sold times season average price. 2/ Record high acreage of dry beans harvested.

Potatoes: Acreage, Yield, Production, and Value, Utah, Selected Years.

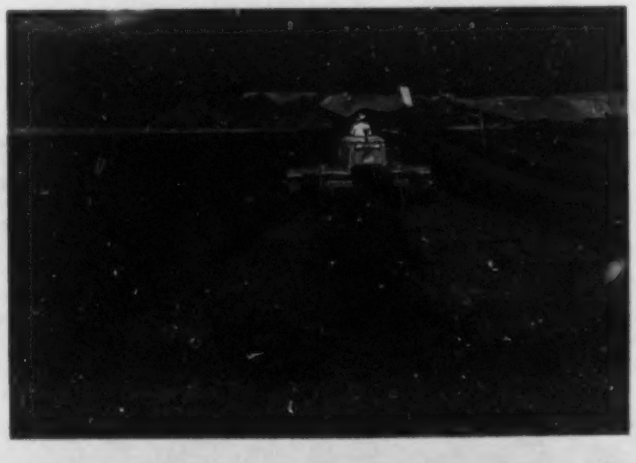
Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Cwt.	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars
1940.....	13.0	12.9	102	1,316	.70	921
1943 1/.....	20.2	19.6	105	2,058	2.12	4,356
1950.....	13.5	13.0	147	1,911	1.75	3,344
1960.....	8.3	7.9	170	1,343	2.28	3,062
1970.....	6.0	5.9	170	1,003	2.38	2,387
1974.....	6.4	6.3	235	1,481	3.80	5,628
1975.....	5.9	5.8	260	1,508	3.70	5,580
1976.....	5.3	5.2	240	1,248	3.10	3,869
1977.....	6.0	5.9	240	1,416	3.04	4,305
1978.....	6.0	5.9	245	1,446	4.10	5,929
1979.....	5.6	5.5	250	1,375	4.30	5,913
1980.....	5.3	5.2	225	1,170	5.15	6,026
1981.....	5.9	5.8	220	1,276	5.00	6,380
1982.....	5.8	5.8	225	1,305	4.00	5,220

1/ Record high acreage of potatoes harvested.

Potatoes: Production, Farm Use, Sales, and Value, Utah, Selected Years.

Year	Production	Total Used for Seed 1/	Farm Disposition			Price per Cwt.	Value of Sales
			For Seed, Feed, and Household Use	Feed, Shrinkage, and Loss	Sold		
	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1940.....	1,316	--	--	--	915	.70	640
1950.....	1,911	--	--	--	1,540	1.75	2,695
1960.....	1,343	118	119	117	1,107	2.28	2,524
1970.....	1,003	81	49	90	864	2.38	2,056
1974.....	1,481	130	18	131	1,332	3.80	5,062
1975.....	1,508	117	28	181	1,299	3.70	4,806
1976.....	1,248	126	28	87	1,133	3.10	3,512
1977.....	1,416	120	24	160	1,232	3.04	3,745
1978.....	1,446	123	19	137	1,290	4.10	5,289
1979.....	1,375	117	37	95	1,243	4.30	5,345
1980.....	1,170	142	30	119	1,021	5.15	5,258
1981 2/.....	1,276	142	33	95	1,148	5.00	5,740

1/ Includes seed purchased and seed used on farms where grown. 2/ Preliminary.



All Hay: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Tons	1,000 Tons	Dollars per ton	1,000 Dollars	1,000 Tons	1,000 Dollars
1930 1/.....	686	2.02	1,383	8.60	11,894		
1940.....	553	1.92	1,059	10.50	11,120	191	2,006
1950.....	534	1.91	1,020	22.20	22,644	143	3,175
1960.....	566	2.26	1,281	26.40	33,818	243	6,415
1970.....	563	2.91	1,638	25.00	40,950	426	10,650
1974.....	584	2.96	1,729	46.50	80,399	450	20,925
1975.....	584	2.86	1,670	52.50	87,675	468	24,570
1976.....	580	3.14	1,820	53.50	97,370	582	31,137
1977.....	584	3.15	1,842	58.00	106,836	553	32,074
1978.....	594	3.18	1,886	47.00	88,642	585	27,495
1979.....	598	3.39	2,026	55.00	111,430	648	35,640
1980.....	595	3.46	2,058	70.00	144,060	617	42,882
1981.....	600	3.64	2,186	59.50	130,067	Discontinued April 1981	
1982.....	595	3.56	2,118	64.00	135,552		

1/ Record high acreage of all hay harvested. 2/ Quantity sold times season average price.

Hay Crops: Acreage, Yield, Production, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Year	Acres Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons		1,000 Acres	Tons	1,000 Tons
		Alfalfa Hay				All Other Hay 1/	
1940.....	431	2.10	905	1940.....	122	1.26	154
1950.....	361	2.20	794	1950.....	173	1.31	226
1960.....	439	2.55	1,119	1960.....	127	1.28	162
1970.....	441	3.25	1,433	1970.....	122	1.68	205
1974.....	460	3.30	1,518	1974.....	124	1.70	211
1975.....	460	3.20	1,472	1975.....	124	1.60	198
1976.....	460	3.50	1,610	1976.....	120	1.75	210
1977.....	465	3.50	1,628	1977.....	119	1.80	214
1978.....	470	3.55	1,669	1978.....	124	1.75	217
1979.....	475	3.80	1,805	1979.....	123	1.80	221
1980.....	470	3.90	1,833	1980.....	125	1.80	225
1981.....	475	4.10	1,948	1981.....	125	1.90	238
1982.....	470	4.00	1,880	1982.....	125	1.90	238

1/ Includes clover-timothy hay, grain hay, other tame hay and wild hay for which separate estimates were discontinued in 1971.

Alfalfa Seed: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production Clean	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Pounds	1,000 Pounds	Dollars per cwt.	1,000 Dollars	1,000 Pounds	1,000 Dollars
1925 1/.....	71.7	275	19,718	14.80	2,918	Not available	
1940.....	54	83	4,500	14.30	644	Not available	
1950.....	57	165	9,405	49.50	4,655	8,888	4,400
1960.....	45	185	8,325	24.30	2,023	8,300	2,017
1970.....	16	195	3,120	33.00	1,030	3,089	1,019
1974.....	17	300	5,100	77.00	3,927	5,049	3,888
1975.....	13	280	3,640	62.00	2,257	3,604	2,234
1976.....	11	215	2,365	105.00	2,483	2,318	2,434
1977.....	14	260	3,640	124.00	4,514	3,604	4,469
1978.....	15	290	4,350	117.00	5,090	4,307	5,039
1979.....	17	280	4,760	104.00	4,950	4,712	4,900
1980.....	13	245	3,185	105.00	3,344	Discontinued May 1981	
1981.....	13	285	3,705	90.00	3,335		
			Discontinued March 1982				

1/ Record high acreage of alfalfa seed harvested. 2/ Quantity sold times season average price.

Grain Stocks - Wheat: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,704	3,685	2,587	--	588
1960.....	3,122	2,487	1,005	--	370
1970.....	3,588	2,068	1,034	--	304
1976.....	3,805	2,629	2,006	1,384	--
1977.....	3,342	2,719	2,039	1,360	--
1978.....	3,646	3,241	2,431	1,134	--
1979.....	4,096	2,905	1,564	1,043	--
1980.....	3,577	2,593	2,236	1,341	--
1981.....	4,788	2,681	1,724	1,628	--
1982.....	5,743	4,499	2,967		
			Off Farms 1/		
1950.....	7,535	6,628	4,908	--	3,398
1960.....	7,116	5,867	4,369	--	2,105
1970.....	5,424	5,323	4,252	--	2,264
1976.....	7,816	6,570	3,804	3,651	--
1977.....	6,215	4,859	3,648	2,703	--
1978.....	7,293	5,575	3,734	3,250	--
1979.....	6,430	5,867	4,153	3,360	--
1980.....	7,527	5,898	4,748	3,881	--
1981.....	8,861	6,624	5,504	4,016	--
1982.....	7,111	7,023	5,683		
			Total All Positions		
1950.....	12,239	10,313	7,495	--	3,986
1960.....	10,238	8,354	5,374	--	2,475
1970.....	9,012	7,391	5,286	--	2,568
1976.....	11,621	9,199	5,810	5,035	--
1977.....	9,557	7,578	5,687	4,063	--
1978.....	10,939	8,816	6,165	4,384	--
1979.....	10,526	8,772	5,717	4,403	--
1980.....	11,104	8,491	6,984	5,222	--
1981.....	13,649	9,305	7,228	5,644	--
1982.....	12,854	11,522	8,650		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites.

Grain Stock - Oats: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	2.020	1,606	918	--	344
1960.....	984	730	296	--	148
1970.....	898	541	377	--	214
1976.....	479	287	185	82	--
1977.....	440	275	193	110	--
1978.....	609	479	261	157	--
1979.....	675	540	315	180	--
1980.....	595	503	265	183	--
1981.....	599	471	295	120	--
1982.....	768	653	432		
			Off Farms 1/		
1950.....	167	244	154	--	96
1960.....	1,085	802	376	--	223
1970.....	218	216	145	--	104
1976.....	144	225	115	108	--
1977.....	123	92	79	67	--
1978.....	139	116	216	45	--
1979.....	177	124	126	97	--
1980.....	199	113	136	130	--
1981.....	144	132	141	59	--
1982.....	205	120	106		
			Total All Positions		
1950.....	2,187	1,850	1,072	--	440
1960.....	1,085	802	376	--	223
1970.....	1,116	757	522	--	318
1976.....	623	512	300	190	--
1977.....	563	367	272	177	--
1978.....	748	595	477	202	--
1979.....	852	664	441	277	--
1980.....	794	616	401	313	--
1981.....	743	603	436	179	--
1982.....	973	773	538		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites.

Grain Stocks - Barley: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,219	3,102	1,737	--	496
1960.....	4,923	3,197	1,598	--	895
1970.....	5,939	3,795	2,062	--	577
1976.....	3,718	2,860	1,716	858	--
1977.....	3,713	3,038	1,823	810	--
1978.....	4,875	3,998	2,438	1,170	--
1979.....	5,742	4,489	3,132	1,566	--
1980.....	4,862	4,322	2,701	1,188	--
1981.....	6,098	4,657	2,218	1,220	--
1982.....	7,525	6,205	2,376		
			Off Farms 1/		
1950.....	1,642	974	690	--	523
1960.....	1,653	1,087	848	--	477
1970.....	3,990	3,110	1,364	--	755
1976.....	4,290	3,265	1,566	1,418	--
1977.....	3,610	2,681	1,363	567	--
1978.....	3,701	3,117	1,707	1,160	--
1979.....	5,273	3,497	1,606	1,106	--
1980.....	5,563	3,356	1,585	856	--
1981.....	5,409	3,291	2,310	1,454	--
1982.....	5,556	4,344	2,670		
			Total All Positions		
1950.....	5,861	4,076	2,427	--	1,019
1960.....	6,576	4,284	2,446	--	1,372
1970.....	9,929	6,905	3,426	--	1,332
1976.....	8,008	6,125	3,282	2,276	--
1977.....	7,323	5,719	3,186	1,377	--
1978.....	8,576	7,115	4,145	2,330	--
1979.....	11,015	7,986	4,738	2,672	--
1980.....	10,425	7,678	4,286	2,044	--
1981.....	11,507	7,948	4,528	2,674	--
1982.....	13,081	10,549	5,046		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites.

Grain Stocks - Corn: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1951.....	88	50	--	4	2
1961.....	111	50	--	8	2
1966.....	135	63	--	11	7
1970.....	1/	1/	--	1/	1/
1976.....	542	284	168	4/	90
1977.....	608	311	135	--	54
1978.....	451	220	93	--	35
1979.....	648	245	115	--	72
1980.....	647	256	135	--	75
1981.....	600	330	150	--	75
1982.....	710	248	132	--	83
1983.....	943	301			
			Off Farms 2/		
1951.....	70	88	--	115	59
1961.....	426	390	--	552	99
1966.....	3/	3/	--	3/	113
1970.....	345	236	--	208	68
1976.....	255	265	222	4/	150
1977.....	479	248	206	--	207
1978.....	287	289	215	--	79
1979.....	346	224	120	--	143
1980.....	657	513	373	--	191
1981.....	689	490	365	--	299
1982.....	642	490	427	--	156
1983.....	401	322			
			Total All Positions		
1951.....	158	138	--	119	61
1961.....	537	440	--	560	101
1966.....	3/	3/	--	3/	120
1970.....	345	236	--	208	68
1976.....	797	549	390	4/	240
1977.....	1,087	559	341	--	261
1978.....	738	509	308	--	114
1979.....	994	469	235	--	215
1980.....	1,304	769	508	--	266
1981.....	1,289	820	515	--	374
1982.....	1,352	738	559	--	239
1983.....	1,344	623			

1/ Estimate discontinued. 2/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 3/ Not published to avoid disclosure of individual operations. 4/ Midyear estimate changed from July 1 to June 1 in 1976.

Grain Stocks - Sorghum: Off Farms and Total, by Quarters, Utah, Selected Years.

Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			Off Farms 1/		
1961.....	2/	2/	--	1,558	2/
1966.....	272	2/	--	87	154
1970.....	142	146	--	247	298
1976.....	73	22	51	3/	69
1977.....	158	2/	2/	--	28
1978.....	100	155	87	--	92
1979.....	70	71	20		70
1980.....	27	93	70	--	67
1981.....	64	65	8	--	44
1982.....	25	2/	2/	--	50
1983.....	62	2/			

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Not published to avoid disclosure of individual operations. 3/ Midyear estimate changed from July 1 to June 1 in 1976.

FRUITS

Lingering periods of sub-zero temperatures during early winter, and abrupt changes causing premature warming trends, then severe cold snaps caused considerable losses in fruit production in Utah during the 1982 growing season. The extreme cold periods did considerable damage to peach trees. To add insult to injury, almost balmy spring weather during December broke the dormant period and allowed bud development to begin making blossoms particularly vulnerable to the cold snap later on in the spring. Hardest hit were peach, apricot, and sweet cherry crops. The total fruit crop was limited to 38,080 tons--one of the smallest in the last ten years.

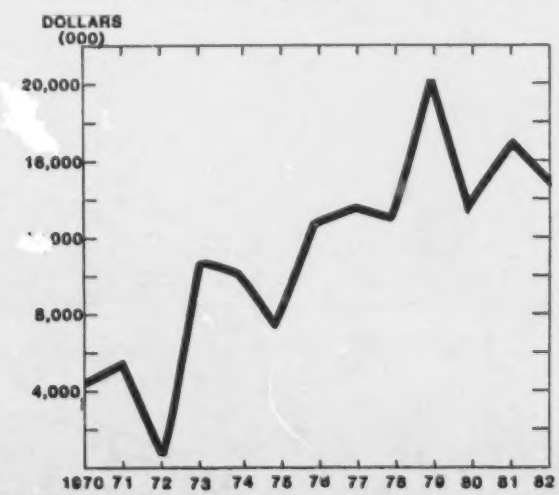
Utilized production of apricots totaled 160 tons, only 10 percent of the 1981 utilized production. Nationally, Utah is normally one of the largest apricot producing states. If Utah's producers did have apricots to sell, they got a good price for them as the average price was $420 per ton, almost double the 1981 average.

Utah's peach crop was down 71 percent from a year ago, while sweet cherry production fell 53 percent from last year.

Since tart cherries are a little later coming on, they suffered less than peaches and sweet cherries. Still production declined 36 percent from the previous season. The drawback to the tart cherry producer was the extremely large crop coming out of the Great Lakes Region. One of the largest crops in several years was produced in Michigan, which flooded the market and brought the average price to a low level. Utah producers realized only 17.1 cents per pound, compared with a very good 37.2 cents a year earlier.

Pears and apples did much better. The pear production was down 10 percent from 1981. Apple production remained unchanged from a year ago. Some apples, however, did not get as good a coloring, and did not grade as high.

UTAH VALUE OF FRUIT PRODUCTION, 1970-81.



Utah Fruit - Production and Value, 1967-1982.

Year	Apples	Peaches	Pears	Sweet Cherries	Tart Cherries	Apricots	Total
			Utilized Production - Tons				
1967.....	10,450	6,500	4,130	3,200	7,100	1,425	32,805
1968.....	14,000	8,000	(6,300)	(7,700)	4,700	1,800	42,500
1969.....	21,000	7,500	5,500	3,300	6,200	(3,100)	46,600
1970.....	13,750	6,500	4,300	2,300	4,900	1,300	33,050
1971.....	12,500	6,500	4,200	4,600	6,700	2,500	37,000
1972.....	2,000	750	200	1/	650	0	3,600
1973.....	26,350	6,000	5,830	6,500	(8,500)	2,170	55,350
1974.....	18,500	8,000	3,200	5,000	5,800	550	41,050
1975.....	22,000	8,000	3,300	2,600	4,000	500	40,400
1976.....	20,000	(8,400)	3,900	5,400	(8,500)	1,750	47,950
1977.....	23,500	7,300	3,400	4,700	5,600	1,700	46,200
1978.....	17,500	5,500	1,700	2,400	5,650	500	33,250
1979.....	25,500	6,000	2,700	4,200	(8,500)	1,700	48,600
1980.....	25,000	5,500	3,000	4,100	6,450	1,500	45,550
1981.....	25,000	6,000	3,050	4,380	6,800	1,580	46,810
1982.....	(27,000)	1,750	2,600	2,070	4,500	160	38,080
			Value - $1,000				
1967.....	1,120	772	496	1,194	2,237	180	5,999
1968.....	1.876	848	617	2,857	1,419	295	7,912
1969.....	1,701	834	506	1,076	995	397	5,509
1970.....	1,570	826	439	830	696	176	4,537
1971.....	1,785	845	365	1,118	1,072	350	5,535
1972.....	355	200	43	--	133	0	731
1973.....	3,531	1,512	624	2,035	2,839	315	10,856
1974.....	3,478	1,936	646	1,695	2,146	211	10,112
1975.....	2,772	2,144	485	1,079	760	193	7,433
1976.....	3,720	2,134	714	1,804	4,029	284	12,685
1977.....	4,982	1,840	816	2,167	3,203	423	13,431
1978.....	3,850	1,870	595	1,836	4,407	230	12,788
1979.....	6,528	2,040	756	2,516	7,412	816	20,068
1980.....	5,472	1,925	900	2,464	2,438	540	13,739
1981.....	5,678	2,232	1,007	2,785	5,065	379	17,146
1982.....	10,109	879	668	1,762	1,536	67	15,021

Note: Bracketed ( ) figures are record high production since 1967.
1/ The 1972 sweet cherry crop was nearly a complete failure due to spring freezes. A few sweet cherries were produced, but production was too small to warrant a quantitative estimate.

Commercial Apples 1/: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents Per Lb.	1,000 $
1925.....	54.6	--	54.6	--	--	2.7	1,469
1940.....	19.5	2.4	17.1	--	--	2.0	339
1950.....	11.8	--	11.8	--	--	6.2	733
1960.....	10.3	--	10.3	--	--	4.82	496
1970.....	28.0	.5	27.5	21.3	6.2	5.71	1,570
1973 2/...	58.0	5.3	52.7	29.1	23.6	6.70	3,531
1974.....	37.0	--	37.0	34.0	3.0	9.40	3,478
1975.....	49.0	5.0	44.0	30.0	14.0	6.30	2,772
1976.....	40.0	--	40.0	34.0	6.0	9.30	3,720
1977.....	47.0	--	47.0	35.0	12.0	10.60	4,982
1978.....	35.0	--	35.0	28.0	7.0	11.00	3,850
1979.....	51.0	--	51.0	43.0	8.0	12.80	6,528
1980.....	52.0	2.0	50.0	42.0	8.0	10.90	5,472
1981.....	54.0	1.0	53.0	40.5	12.5	10.70	5,678
1982.....	54.0	--	54.0	3/	3/	18.70	10,109

1/ Estimates through 1933 were for all apples. Since 1934 estimates are for commercial production including orchards with more than 100 trees. 2/ Record high apple production. 3/ Available July 5, 1983.

Commercial Apples: Production by Varieties, Utah, Selected Years.

Variety	1979	1980		1981		1982	
	Million Pounds	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total
Jonathan.....	6.0	5.7	11.0	7.0	13.0	Discontinued March 1982	
Delicious....	30.0	33.3	64.0	35.6	65.9		
Golden Delicious	4.5	6.2	11.9	5.9	10.9		
Rome Beauty..	8.0	5.7	11.0	4.3	8.0		
Other.....	2.5	1.1	2.1	1.2	2.2		
Total.....	51.0	52.0	100.0	54.0	100.0		

Peaches: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents per Lb.	1,000 $
1922 1/.....	38.7	--	38.7	--	--	3.0	1,151
1940.....	31.0	--	31.0	--	--	1.9	590
1950.....	4.7	--	4.7	--	--	9.2	431
1960.....	8.6	--	8.6	--	--	6.82	587
1970.....	13.0	--	13.0	13.0	0	6.35	826
1974.....	16.0	--	16.0	16.0	0	12.1	1,936
1975.....	16.0	--	16.0	16.0	0	13.4	2,144
1976.....	17.0	0.2	16.8	16.8	0	12.7	2,134
1977.....	15.0	0.4	14.6	14.6	0	12.6	1,840
1978.....	11.0	--	11.0	11.0	0	17.0	1,870
1979.....	12.0	--	12.0	12.0	0	17.0	2,040
1980.....	11.0	--	11.0	11.0	0	17.5	1,925
1981.....	12.0	--	12.0	12.0	0	18.6	2,232
1982.....	3.5	--	3.5	3.5	0	25.1	879

1/ Record high peach production.

Pears: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	4,525	--	4,525	--	--	38.00	172
1950.....	875	--	875	--	--	144.00	126
1954 1/.....	8,750	--	8,750	--	--	86.00	752
1960.....	4,380	200	4,180	--	--	108.00	451
1970.....	4,300	--	4,300	--	--	102.00	439
1974.....	3,200	--	3,200	3,200	0	202.00	646
1975.....	4,000	700	3,300	3,300	0	147.00	485
1976.....	3,900	--	3,900	3,900	0	183.00	714
1977.....	3,500	100	3,400	3,400	0	240.00	816
1978.....	1,700	--	1,700	1,700	0	350.00	595
1979.....	2,700	--	2,700	2,700	0	280.00	756
1980.....	3,000	--	3,000	3,000	0	300.00	900
1981.....	3,100	50	3,050	3,050	0	330.00	1,007
1982.....	2,800	200	2,600	2,600	0	257.00	668

1/ Record high pear production.

Sweet Cherries: Production, Use and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	3,100	--	3,100	--	--	80.00	248
1950.....	440	--	440	--	--	282.00	124
1960.....	1,200	--	1,200	--	--	407.00	488
1968 1/.....	7,700	--	7,700	--	--	371.00	2,857
1970.....	2,300	--	2,300	2,030	270	361.00	830
1974.....	5,000	--	5,000	3,500	1,500	339.00	1,695
1975.....	2,600	--	2,600	2,190	410	415.00	1,079
1976.....	5,400	--	5,400	3,720	1,680	334.00	1,804
1977.....	5,000	300	4,700	3,400	1,300	461.00	2,167
1978.....	2,400	--	2,400	1,200	1,200	765.00	1,836
1979.....	4,200	--	4,200	2/	2/	599.00	2,516
1980.....	4,100	--	4,100	2/	2/	601.00	2,464
1981.....	4,500	120	4,380	2/	2/	636.00	2,785
1982.....	2,100	30	2,070	2/	2/	851.00	1,762

1/ Record high sweet cherry production. 2/ Data not published to avoid disclosure of individual operation.

Tart Cherries: Production, Use and Value, Utah, Selected Years.

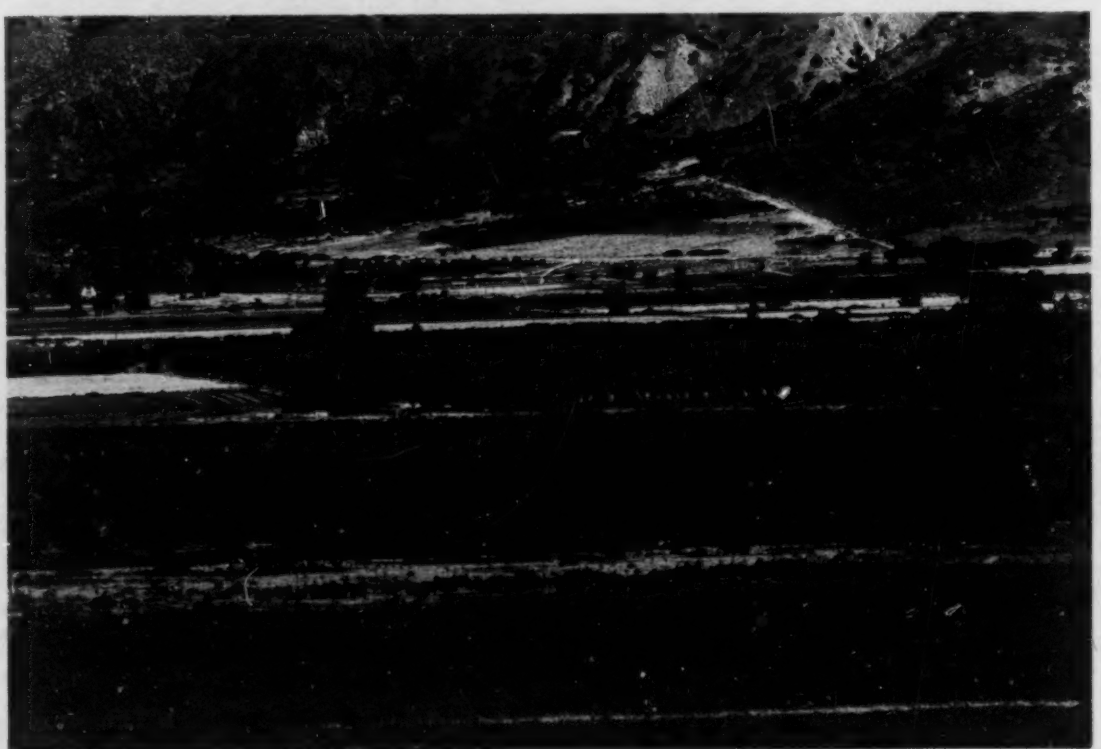
Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents per Lb.	1,000 $
1940.....	4.6	--	4.6	--	--	2.2	101
1950.....	1.6	--	1.6	--	--	8.9	142
1960.....	5.6	--	5.6	--	--	6.9	389
1970.....	9.8	--	9.8	.8	9.0	7.1	696
1974.....	11.6	--	11.6	.1	11.5	18.5	2,146
1975.....	8.0	--	8.0	2/	2/	9.5	760
1976 1/.....	17.0	--	17.0	2/	2/	23.7	4,029
1977.....	11.2	--	11.2	.6	10.6	28.6	3,203
1978.....	11.3	--	11.3	.1	11.2	39.0	4,407
1979 1/.....	17.0	--	17.0	.4	16.6	43.6	7,412
1980.....	13.0	.1	12.9	.3	12.6	18.9	2,438
1981.....	14.0	.4	13.6	.6	13.0	37.2	5,065
1982.....	9.0	0	9.0	.3	8.7	17.1	1,536

1/ Record high tart cherry production. 2/ Not published - mostly processed.

Apricots: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars Per Ton	1,000 $
1940.....	7,800	--	7,800	--	--	27.20	212
1950.....	400	--	400	--	--	180.00	72
1957 1/.....	11,000	1,000	10,000	--	--	62.10	621
1960.....	2,500	--	2,500	--	--	96.60	242
1970.....	1,300	--	1,300	1,300	0	135.00	176
1974.....	550	--	550	2/550	0	384.00	211
1975.....	500	--	500	2/500	0	385.00	193
1976.....	1,900	150	1,750	2/1,750	0	162.00	284
1977.....	1,700	--	1,700	2/1,700	0	249.00	423
1978.....	500	--	500	2/500	0	460.00	230
1979.....	1,700	--	1,700	2/1,700	0	480.00	816
1980.....	1,500	--	1,500	2/1,500	0	360.00	540
1981.....	1,600	20	1,580	2/1,580	0	240.00	379
1982.....	200	40	160	2/160	0	420.00	67

1/ Record high apricot production. 2/ Small quantities processed are included in "fresh" to avoid disclosure of individual operations.

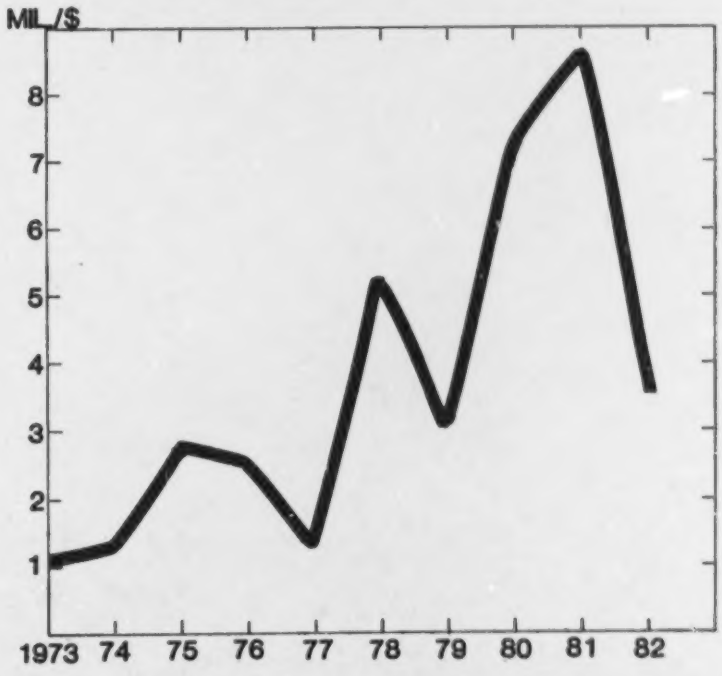


VEGETABLES

Cash receipts from vegetables harvested commercially in Utah declined dramatically during 1982--mostly the result of a poor harvest season for onions. Normally, over 75 percent of the value of vegetables produced in Utah is accounted for by the onions produced and sold during the winter from storage. Last fall, recurring rains and thunderstorms swept across the state, leaving onion fields wet and soggy. Harvest equipment was left mired in fields, along with windrows of onions unable to be hauled to storage bins. When the weather finally cleared, much of the crop was lost or was in poor condition to store properly. Although total production estimates were set at 730,000 hundredweight (cwt.), the average value dropped from $12.60 per cwt. in 1981 to $5.70 in 1982. Much of the price decline resulted from a larger crop of onions nationally. This was a large factor in Utah producer's inability to market their crop.

Vegetables grown for processing also declined from a year ago, following the closing of a processing plant. Shortages of labor and high shipping costs have made it unprofitable to raise vegetable crops in Utah. Only one major processing plant now operates in Utah. Total acreage harvested for processing during 1982 was set at 2,640, with a total aggregated production of 9,500 tons--only 47 percent of a year earlier.

UTAH ONIONS, VALUE OF SALES, 1973-82.



Onions, Fresh Market: Acreage, Yield, Production, Value, and Stocks, Utah, Selected Years.

Year	Acreage		Yield per Acre	Production	Quantity not Sold 1/	Sales	Value of Sales		Stocks Following Jan. 1
	Planted	Harvested					Per Cwt.	Total	
	Acres	Acres	Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars	1,000 Cwt.
1940...	--	1,100	200	220	38	182	.50	91	60
1944 2/	--	2,400	220	528	51	477	1.80	859	258
1950...	1,150	1,100	270	297	83	214	1.80	385	151
1960...	750	700	325	228	63	165	2.80	462	112
1970...	1,000	1,000	300	300	55	245	2.75	674	113
1973...	1,200	1,100	220	242	36	206	5.54	1,141	91
1974...	1,400	1,300	300	390	59	331	3.85	1,274	130
1975...	1,400	1,300	290	377	63	314	9.09	2,854	124
1976...	1,600	1,500	300	450	63	387	6.68	2,585	123
1977...	1,800	1,700	335	570	103	467	4.63	2,162	147
1978...	2,100	2,000	360	720	137	583	9.00	5,247	245
1979...	2,100	2,000	415	830	133	697	4.16	2,900	257
1980...	2,000	1,900	345	656	98	558	13.20	7,366	195
1981...	2,200	2,100	370	777	82	695	12.60	8,757	278
1982...	2,100	2,000	365	730	390	340	4.91	1,669	3/

1/ Includes shrinkage, waste, and cullage. 2/ Record high acreage of onions. 3/ Onion Stocks release discontinued 1982.

Vegetables for Processing 1/: Acreage, Production, and Value, Utah, Selected Years.

Year	Acreage		Production	Value
	Planted	Harvested		Total
	Acres	Acres	Tons	1,000 Dollars
1940.....	--	22,460	83,900	1,526
1942 2/.....	--	28,230	116,600	3,071
1950.....	--	24,870	103,000	3,139
1960.....	12,770	11,080	72,040	2,235
1970.....	9,000	8,300	45,900	1,981
1973.....	5,680	5,430	19,200	1,012
1974.....	6,240	5,840	20,400	2,168
1975.....	6,310	6,260	25,900	2,497
1976.....	5,560	5,260	23,400	2,066
1977.....	5,070	4,670	16,850	1,680
1978.....	4,950	4,750	17,350	1,601
1979.....	5,170	4,670	23,270	2,308
1980.....	4,900	4,890	19,900	2,245
1981.....	4,600	4,500	20,200	2,479
1982.....	3,040	2,640	9,500	2,145

1/ Includes tomatoes, green peas, sweet corn, snap beans, green lima beans, table beets, cucumbers for pickles. 2/ Record high acreage harvested of vegetables for processing.

CATTLE

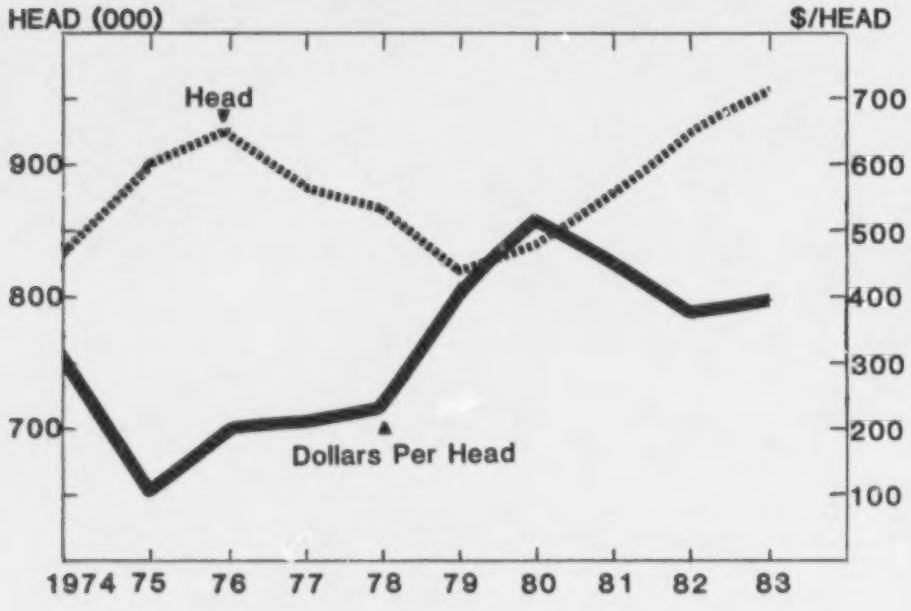
Utah, because of its location amidst the Rocky Mountains, is limited as to the type of agriculture that can be followed. The length of the growing season and the availability of irrigation water make it necessary to grow crops which can be easily converted to income through livestock enterprises. Hay and grain are produced on irrigated fields in the valleys, and grazing is obtained from public lands provided by the State and Federal Government through multiple use programs. Over 60 percent of Utah acreage is owned by the Federal Government and administered by the Bureau of Land Management and Forest Service. Many a Utah stockman spends much of his summer "on the mountain" checking on, and caring for his animals.

The number of farms with one or more head of cattle hovers around 10,000, indicating a slight decline in recent years. During 1982, a total of 9,900 was recorded. On January 1, 1983, a total of 950,000 head of cattle was inventoried--3 percent more than a year earlier and a record high. The previous high was recorded in 1976, at 927,000 head. The total value of inventories was placed at $365,750,000--roughly twice the value of the 1976 inventory. The average price for 100 pounds of live beef cattle marketed during the year fell to $49.10 per hundredweight (cwt.), down $3.20 per cwt. from last year. Total cash receipts, at $146,511,000, was down 8 percent. The outlook for 1983 is uncertain.

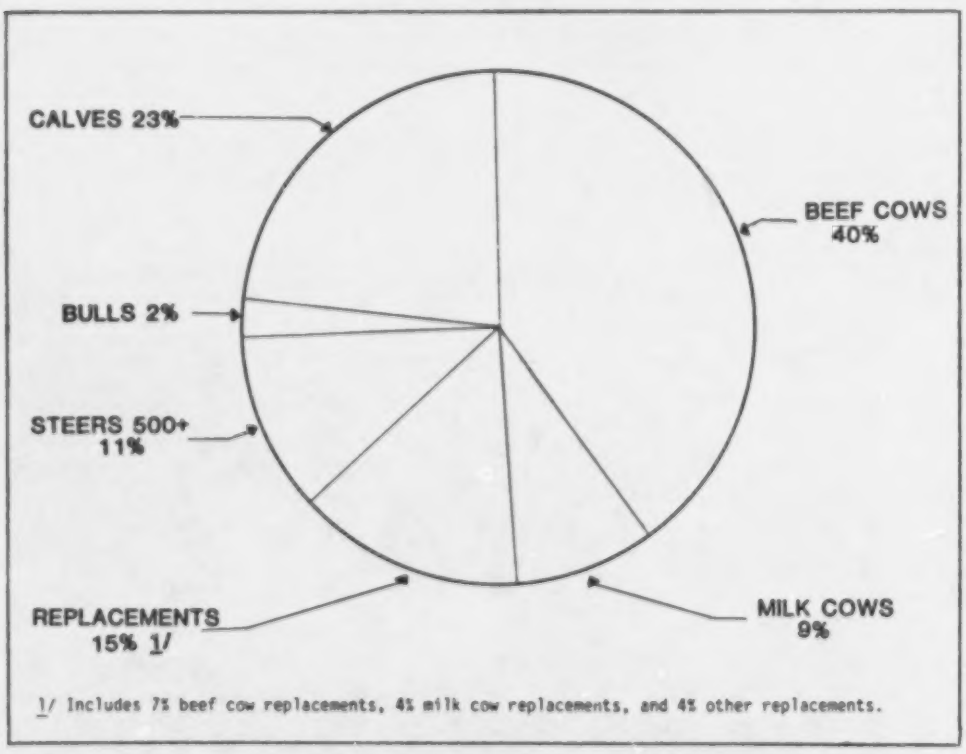
The economy is still in question, and many livestock producers wonder what the PIK (Payment-In-Kind) program will do to feed prices. A feed price increase could cause downward pressure on cattle prices toward the end of this year. The difficulty for cattle producers is that they aren't sure how to plan for the unexpected.

The chart shows that cattle inventory numbers and the value/head move in opposite directions. The economic law of supply and demand still works in the cattle market.

UTAH ALL CATTLE AND CALF, JANUARY 1 INVENTORY & VALUE PER HEAD



CATTLE: JAN 1, 1983 INVENTORY SHOWN AS PERCENT OF TOTAL



1/ Includes 7% beef cow replacements, 4% milk cow replacements, and 4% other replacements.

All Cattle: Number of Cattle Farms, and Number and Value of Cattle on Farms, Utah, January 1, Selected Years.

Year	Farms		Cattle on Farms January 1			
	With Cattle	With Milk Cows	Number	Value Per Head	Value Total	On Feed For Market
			1,000 Head	Dollars	1,000 Dollars	1,000 Head
1940.....	--	--	432	38.20	16,502	--
1950.....	--	--	588	126.00	74,088	40
1960.....	--	-	719	136.00	97,784	61
1970.....	10,000	3,800	808	185.00	149,480	57
1974.....	10,100	2,800	832	305.00	253,760	58
1975.....	10,000	2,800	900	160.00	144,000	52
1976.....	10,000	2,700	927	200.00	185,400	60
1977.....	10,000	2,700	880	210.00	184,800	60
1978.....	10,000	2,600	864	230.00	198,720	62
1979.....	10,000	2,700	820	405.00	332,100	55
1980.....	10,000	2,700	840	505.00	424,200	60
1981.....	9,900	2,700	875	445.00	389,375	55
1982.....	9,900	2,800	920	365.00	335,800	48
1983 1/...	--	-	950	385.00	365,750	36

1/ Record high January 1 inventory.

Calf Crop: Utah, Selected Years.

Year	Cows and Heifers 2 Yrs. & Older January 1	Cows that Have Calved January 1	Calves Born	Calves Born as Percent of Cows and Heifers 2+ January 1 1/a/	Calves Born as Percent of Cows Calved January 1 1/a/
	1,000 Head	1,000 Head	1,000 Head	Percent	Percent
1940....	218	--	174	80	--
1950....	302	--	263	87	--
1960....	360	--	317	88	--
1970....	424	392	372	88	95
1974....	--	403	380	--	94
1975....	--	428	390	--	91
1976....	--	441	374	--	85
1977....	--	414	373	--	90
1978....	--	397	355	--	89
1979....	--	399	328	--	82
1980....	--	424	358	--	84
1981....	--	450	375	--	83
1982....	--	460	385	--	84

1/ Not strictly a calving rate. Figure represents calves born expressed as percentage of the number of a/ cows and heifers 2 years old and over on farms and ranches January 1, b/ cows that have calved on hand January 1.

Cattle: Inventory by Classes and Age, Utah, January 1, Selected Years.

Year	All Cattle and Calves	For Milk			Beef Cattle				
		Cows and Heifers 2 Yrs. +	Heifers 1-2 Yrs.	Heifer Calves	Cows 2 Yrs. +	Heifers 1-2 Yrs.	Calves	Steers 1 Yr. +	Bulls 1 Yr. +
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940...	432	103	25	32	115	34	77	37	9
1950...	588	108	25	32	194	62	101	54	12
1960...	719	108	31	35	252	65	154	65	9
1965...	755	89	24	28	301	72	172	57	12
1966...	755	85	24	28	310	58	182	55	13
1967...	747	83	24	26	310	65	171	55	13
1968...	762	81	23	26	319	68	174	58	13
1969...	777	82	24	26	325	66	183	57	14
1970 1/	808	82	25	28	342	69	188	59	15

1/ Beginning with January 1, 1971, the classification estimates for cattle were changed from sex and age to sex and weight--See Table below.

Cattle: Inventory by Classes and Weight, Utah, January 1, 1970-83.

Year	All Cattle and Calves	All Cows and Heifers that have Calved			Heifers 500 Pounds and Over				Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Steers, Heifers & Bulls Under 500 Lbs.
		Total	Beef Cows	Milk Cows	Beef Cow Replacements	Milk Cow Replacements	Other	Total			
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1970...	808	392	316	76	52	44	26	122	75	17	202
1971...	832	411	331	80	55	45	25	125	72	17	207
1972...	832	410	331	79	53	43	26	122	73	17	210
1973...	824	403	328	75	50	41	25	116	76	17	212
1974...	832	403	328	75	58	38	26	122	83	17	207
1975...	900	428	349	79	65	37	36	138	81	18	235
1976...	927	441	362	79	65	37	35	137	82	19	248
1977...	880	414	335	79	53	39	44	136	77	18	235
1978...	864	397	321	76	44	41	40	125	79	18	245
1979...	820	399	321	78	43	37	33	113	79	18	211
1980...	840	400	325	75	54	42	33	129	80	18	213
1981...	875	424	344	80	61	42	29	132	77	20	222
1982...	920	450	364	86	56	42	29	127	78	21	244
1983...	950	460	376	84	67	35	42	144	104	22	220

Cattle and Calves: Inventory, Supply, and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Calf Crop	Inship-ments	Marketings 1/		Farm Slaughter 2/	Deaths		Inventory End of Year
				Cattle	Calves	Cattle & Calves	Cattle	Calves	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940...	432	174	25	101	45	11	8	12	454
1950...	588	263	41	139	98	12	16	15	612
1960...	719	317	54	234	111	11	14	22	698
1970...	808	372	50	213	140	4	17	24	832
1974...	832	380	45	194	105	5	18	35	900
1975...	900	390	60	262	111	4	16	30	927
1976...	927	374	50	299	121	6	15	30	880
1977...	880	373	50	266	106	7	15	45	864
1978...	864	355	50	269	121	4	20	35	820
1979...	820	328	50	199	104	7	16	32	840
1980...	840	358	50	205	106	5	16	41	875
1981...	875	375	57	240	98	3	16	30	920
1982...	920	385	54	248	87	2	26	46	950

1/ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter at commercial establishments.

Cattle and Calves: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketings 2/	Average Price per 100 lbs.		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Cattle	Calves					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	105,545	103,170	6.80	8.90	--	7,478	198	7,676	1,468
1950...	157,125	158,135	23.20	26.80	--	38,794	850	39,644	7,827
1960...	217,665	257,715	18.40	23.40	41,993	48,989	1,172	50,545	8,249
1970...	256,121	259,978	25.60	34.20	70,803	71,552	2,189	73,741	--
1974...	239,080	225,562	31.20	33.70	75,813	71,386	3,008	74,394	--
1975...	267,720	281,034	27.10	27.20	72,597	76,200	1,954	78,154	--
1976...	265,810	318,686	29.80	35.10	81,242	97,177	4,295	101,472	--
1977...	246,220	285,458	32.60	37.60	82,362	94,943	3,750	98,693	--
1978...	284,430	327,650	47.60	58.70	138,972	160,743	3,074	163,817	--
1979...	237,405	241,995	64.80	88.70	162,152	164,782	9,617	174,399	--
1980...	260,990	252,170	60.30	75.50	163,378	157,421	7,518	164,939	--
1981...	324,050	294,450	52.30	63.30	176,091	158,760	7,462	166,222	--
1982...	300,220	290,130	49.10	59.70	150,512	146,511	5,131	151,642	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipts from marketings of live cattle and sale of farm slaughter.

Commercial Cattle Slaughter: Number and Liveweight, Utah, Annual, Selected Years; and Monthly 1981, Quarterly 1982.

Year	Cattle			Calves			Total	
	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Total Live Weight
	1,000 Head	Pounds	1,000 Pounds	1,000 Head	Pounds	1,000 Pounds	1,000 Head	1,000 Pounds
1944 2/.....	102.9	--	--	42.5	--	--	--	--
1950.....	108.5	965	104,762	21.7	275	5,966	130.2	110,728
1960.....	212.2	994	210,924	12.7	316	4,008	224.9	214,932
1970.....	258.5	1,040	268,914	3.2	397	1,270	261.7	270,184
1974.....	267.8	1,092	292,470	1.0	412	412	268.8	292,882
1975.....	301.1	1,060	319,203	2.6	356	925	303.7	320,128
1976.....	280.6	1,077	302,332	2.2	350	771	282.8	303,103
1977.....	268.1	1,030	276,233	1.9	311	581	270.0	276,814
1978.....	217.0	1,057	229,469	0.7	331	236	217.7	229,705
1979.....	173.2	1,090	188,698	0.2	322	63	173.4	188,761
1980.....	191.9	1,093	209,880	0.2	338	56	192.1	209,936
1981.....	204.0	1,097	223,682	0.2	346	54	204.2	223,736
1982.....	221.0	1,080	238,641	0.1	326	44	221.1	238,685
1981								
Jan.	16.8	1,098	18,483	3/	--	--	16.8	18,483
Feb.	16.4	1,107	18,121	3/	--	--	16.4	18,121
Mar.	18.4	1,115	20,550	3/	--	--	18.4	20,550
Apr.	16.4	1,106	18,125	3/	--	--	16.4	18,125
May	15.7	1,135	17,760	3/	--	--	15.7	17,760
June	15.9	1,109	17,657	3/	--	--	15.9	17,657
July	17.4	1,075	18,687	3/	--	--	17.4	18,687
Aug.	16.1	1,076	17,333	3/	--	--	16.1	17,333
Sep.	18.0	1,077	19,336	3/	--	--	18.0	19,336
Oct.	18.7	1,087	20,369	3/	--	--	18.7	20,369
Nov.	18.5	1,087	20,098	3/	--	--	18.5	20,098
Dec.	15.7	1,095	17,162	3/	--	--	15.7	17,162
1982 4/								
Jan-Mar	48.8	1,074	52,443	3/	--	--	48.8	52,443
Apr-Jun	51.4	1,062	54,603	3/	--	--	51.4	54,603
Jul-Sep	56.2	1,077	60,549	3/	--	--	56.2	60,549
Oct-Dec	64.5	1,101	71,046	3/	--	--	64.5	71,046

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record. 3/ Not printed to avoid disclosing individual operations. 4/ Because of lack of funds, slaughter data are available only by quarter in 1982.

SHEEP AND WOOL

During 1982, Utah sheepmen continued to decrease their sheep and lamb inventories. As of January 1, 1983, the state's herd was estimated at 565,000 head, down 11 percent from 1982, which puts Utah ranking 7th in sheep production in the U.S. The 1982 lamb crop, at 446,000 head, declined 7 percent from 1981. This resulted in a lambing rate of 88 percent--down 8 percent from 1981.

Several factors have influenced this decline. The value per head of sheep and lambs dropped from $70.50 per head in 1981 to $58.00 per head in 1982. Another factor may be that even though feed prices were down throughout the year, other production costs were still above the point that would allow producers to break even, particularly with continued heavy losses to predators.

Marketings for 1982 rose to 45.4 million pounds while the value of production fell 10 percent below 1981, and cash receipts were off 4 percent. Sheep and lamb slaughter increased only slightly from 1981. Slaughter weights were down 3 percent from the previous year.

Wool producers had a rough time this year, as the movement of wool was slow during the latter half of 1982. Average price per pound of wool, at 68 cents per pound, dropped 24 cents from 1981. Total shorn wool was 6.1 million pounds for 1982, a 1 percent decline from 1981. The value of wool produced, at 4.1 million dollars, fell 27 percent from last year.

The outlook for 1983 for sheep producers is one of hope. Prices are expected to strengthen because of an anticipated decline in sheep production. However, ample supplies of competing meats and the present weak economy may dampen the rise in lamb prices.

Sheep: Number of Sheep Farms, and Number and Value of Sheep on Farms, Utah, January 1, Selected Years.

Year	Farms with Sheep	Sheep on Farms January 1						Sheep & Lambs on Feed
		All Sheep			Stock Sheep			
		Number	Value		Number	Farm Value		
			Per Head	Total		Per Head	Total	
		1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars	1,000 Head
1901 1/.	--	--	--	--	2,882	2.70	7,781	--
1931 2/.	--	2,935	--	18,784	2,775	6.50	18,048	160
1940....	--	2,248	--	15,895	2,095	7.20	15,038	153
1950....	--	1,329	--	27,028	1,269	20.40	25,888	60
1960....	--	1,336	--	24,461	1,249	18.40	22,982	87
1970....	3,000	1,053	--	33,998	978	32.50	31,785	75
1974....	2,600	772	39.50	30,494	722	--	--	50
1975....	2,500	697	38.50	26,835	660	--	--	37
1976....	2,400	590	42.50	25,075	568	--	--	22
1977....	2,300	580	51.00	29,580	560	--	--	20
1978....	2,300	561	62.00	34,726	540	--	--	21
1979....	2,300	594	84.50	50,129	570	--	--	24
1980....	2,400	625	100.50	62,813	595	--	--	30
1981....	2,500	650	86.00	55,900	620	--	--	30
1982....	2,700	636	70.50	44,838	610	--	--	26
1983....	--	565	58.00	32,770	535	--	--	30

1/ Record high January 1 Stock Sheep Inventory. 2/ Record high January 1 All Sheep Inventory.

Stock Sheep: Inventory by Classes, Utah, January 1, Selected Years.

Year	All Stock Sheep	Lambs		Sheep One Year and Over			
		Ewes	Wethers & Rams	Ewes	Rams	Wethers	Rams & Wethers
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940....	2,095	310	23	1,706	54	2	56
1950....	1,269	165	5	1,066	32	1	33
1960....	1,249	144	6	1,065	33	1	34
1970....	978	125	7	821	24	1	25
1974....	722	83	5	615	--	--	19
1975....	660	79	6	558	--	--	17
1976....	568	68	5	481	--	--	14
1977....	560	65	6	475	--	--	14
1978....	540	70	7	450	--	--	13
1979....	570	89	8	460	--	--	13
1980....	595	80	9	491	--	--	15
1981....	620	96	9	500	--	--	15
1982....	610	84	6	505	--	--	15
1983....	535	63	5	455	--	--	12

Sheep and Lambs: Inventory Numbers, Lamb Crop and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Lambs Saved	Inshipments	Marketing 1/		Farm Slaughter 2/	Deaths		Inventory End of Year
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1931 3/.	2,935	1,560	69	156	1,049	40	300	174	2,845
1940....	2,248	1,365	40	127	894	38	236	110	2,248
1950....	1,329	895	92	39	668	22	125	70	1,392
1960....	1,336	927	54	59	759	21	125	76	1,277
1970....	1,053	780	100	74	646	25	94	85	1,009
1974....	772	578	50	75	462	6	72	88	697
1975....	697	502	41	76	400	10	86	78	590
1976....	590	433	35	13	319	8	64	74	580
1977....	580	428	33	43	304	5	50	78	561
1978....	561	423	30	18	286	6	50	60	594
1979....	594	430	30	26	309	6	38	50	625
1980....	625	476	30	19	347	9	56	50	650
1981....	650	481	30	45	359	7	54	60	636
1982....	636	446	30	91	343	8	50	55	565

1/ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Sheep and Lambs: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketing 2/	Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Sheep	Lambs					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 $	1,000 $	1,000 $	1,000 $	1,000 $
1931 4/	82,830	90,122	3.55	5.10	--	4,372	126	4,498	255
1940...	75,523	76,550	3.35	7.50	--	5,201	147	5,348	234
1950...	56,611	56,624	10.60	24.90	--	13,535	278	13,813	1,749
1960...	62,307	71,459	5.30	17.00	10,352	11,402	191	11,558	574
1970...	60,909	73,550	7.10	25.40	15,009	16,992	608	17,600	--
1974...	41,520	54,507	11.50	34.90	14,341	16,834	217	17,051	--
1975...	29,281	45,370	10.10	40.90	12,558	15,630	410	16,040	--
1976...	27,353	30,235	10.90	43.70	11,632	12,680	325	13,005	--
1977...	27,745	32,695	10.80	50.00	13,043	14,241	222	14,463	--
1978...	29,844	27,940	15.70	59.50	16,227	15,639	348	15,987	--
1979...	34,187	31,010	19.20	63.80	18,201	18,335	380	18,715	--
1980...	35,253	33,495	16.50	61.60	19,752	19,562	542	20,104	--
1981...	38,961	41,580	17.30	51.80	17,957	19,598	370	19,968	--
1982...	34,921	45,416	16.70	49.90	16,172	18,886	535	19,421	--

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipt from marketings and sale of farm slaughter. 4/ Record high January 1 sheep inventory.

Lamb Crop: Utah, Selected Years.

Year	Breeding Ewes One Year and Older January 1	Lambs Saved 1/	
		Number	As Percent of Ewes One Year and Older
	1,000 Head	1,000 Head	Percent
1930 2/.....	2,170	1,736	80
1940.....	1,706	1,365	80
1950.....	1,066	895	84
1960.....	1,065	927	87
1970.....	821	780	95
1974.....	615	578	94
1975.....	558	502	90
1976.....	481	433	90
1977.....	475	428	90
1978.....	450	423	94
1979.....	460	430	93
1980.....	491	476	97
1981.....	500	481	96
1982.....	505	446	88

1/ Lambs saved defined as lambs living July 1, or lambs docked or branded.
2/ Record high lamb crop.

Wool Production and Value: Utah, Selected Years.

Year	All Sheep Shorn 1/	Weight per Fleece	Shorn Wool Production	Average Price per Pound 2/	Value 3/
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1931 4/...	2,692	9.0	24,228	13	3,150
1940.....	1,990	9.3	18,507	27	4,997
1950.....	1,180	9.4	11,092	58	6,433
1960.....	1,203	9.9	11,950	39	4,660
1970.....	985	9.8	9,637	32	3,084
1974.....	728	10.0	7,255	59	4,280
1975.....	591	10.4	6,140	44	2,702
1976.....	546	10.5	5,711	65	3,712
1977.....	550	10.5	5,802	64	3,713
1978.....	536	10.4	5,567	70	3,897
1979.....	563	10.2	5,717	88	5,031
1980.....	575	9.9	5,670	90	5,103
1981.....	617	10.0	6,172	92	5,678
1982.....	608	10.0	6,090	68	4,141

1/ Includes sheep shorn at commercial feeding yards. 2/ Monthly price weighted by monthly sales of wool. 3/ Production multiplied by annual average price. 4/ Record high January 1 inventory.

Sheep and Lamb Slaughter: Number and Liveweight, Utah, Annual, Selected Years, Monthly 1981, and Quarterly 1982.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	106.2	--	--
1950.....	155.0	101	15,682
1960.....	307.4	102	31,476
1970.....	847.0	106	89,400
1974.....	345.3	109	37,507
1975.....	142.5	106	15,104
1976.....	28.0	107	2,989
1977.....	24.1	112	2,692
1978.....	24.0	113	2,707
1979.....	22.9	113	2,593
1980.....	24.3	116	2,811
1981.....	23.4	112	2,626
1982.....	23.5	109	2,564
1981			
Jan.	2.1	117	249
Feb.	1.7	118	201
Mar.	1.9	116	218
Apr.	1.8	112	203
May	1.7	111	188
Jun.	1.9	110	206
Jul.	1.7	107	186
Aug.	1.9	107	199
Sep.	1.8	111	204
Oct.	2.3	115	265
Nov.	2.2	111	243
Dec.	2.4	111	263
1982			
Jan. - Mar.	5.2	108	565
Apr. - Jun.	5.0	108	542
July - Sep.	5.8	108	626
Oct. - Dec.	7.5	111	831

1/ Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter. 2/ First year on record.

HOGS

With the closing of several slaughter houses during the 1940's, pork production in Utah declined to the present level--hovering between 10.0 and 18.0 million pounds. The industry is limited to areas close to large cities or the availability of local slaughter houses.

The number of hogs marketed from Utah farms declined significantly. Total production, at 10.7 million pounds, was the lowest ever recorded, in spite of a price increase of $8.60 per hundredweight (cwt.) over the previous year. Cash receipts from hog marketings fell to 5.5 million dollars--a decline of 21 percent. Inventories on farms and ranches, at the end of the marketing year, totaled 32,000 head--the lowest of record. In this respect, Utah producers followed a national trend. Following losses in 1981, producers cut inventories because of an uncertain profit/loss picture and to pay off debts. Hopefully in 1983, producers will be facing an improved situation as the general economy improves. According to USDA economists, reduced pork supplies, and rising real per capita disposable incomes, will boost prices modestly in 1983--especially in the second half of the year.

Pig Crop: Sows Farrowing and Pigs Saved, Utah, Selected Years.

Year	Spring Pig Crop 1/			Fall Pig Crop 2/			Total Pig Crop Spring and Fall	
	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs Saved
	1,000 Head	Head	1,000 Head	1,000 Head	Head	1,000 Head	1,000 Head	1,000 Head
1940.....	16.0	6.0	96	10.0	6.8	68	26.0	164
1943 3/.....	28.0	6.4	179	23.0	6.6	152	51.0	331
1950.....	10.0	6.4	64	7.0	6.9	48	17.0	112
1960.....	5.8	6.7	39	6.2	7.3	45	12.0	84
1970.....	4.8	7.1	34	4.6	7.2	33	9.4	67
1973.....	4.6	7.7	35	4.8	6.9	33	9.4	68
1974.....	4.6	7.5	35	4.5	7.2	32	9.1	67
1975.....	4.7	6.7	31	5.0	7.3	37	9.7	68
1976.....	4.5	7.7	35	5.9	7.2	42	10.4	77
1977.....	6.0	7.7	46	4.5	6.9	31	10.5	77
1978.....	5.0	6.8	34	5.0	7.1	36	10.0	70
1979.....	4.0	6.7	27	6.5	6.8	44	10.5	71
1980.....	5.0	7.0	35	8.0	6.0	48	13.0	83
1981.....	4.0	7.6	30	4.5	7.1	32	8.5	62
1982.....	3.0	7.7	23	3.0	7.0	21	6.0	44

1/ Spring, December through May. 2/ Fall, June through November. 3/ Record high annual pig crop.

Hogs and Pigs: Number of Hog Farms, and Number and Value of Hogs on Farms, Utah, Selected Years.

Farms		Hogs			
Year	Number with Hogs	Date	Number	Value	
				Per Head	Total
			1,000 Head	Dollars	1,000 Dollars
--	--	Jan. 1, 1940	125	6.60	825
--	--	Jan. 1, 1944 1/	196	12.00	2,352
--	--	Jan. 1, 1950	88	22.20	1,954
--	--	Jan. 1, 1960	68	16.20	1,102
1970	2,000	Dec. 1, 1970	45	23.00	1,035
1973	2,000	Dec. 1, 1973	46	53.00	2,438
1974	2,200	Dec. 1, 1974	44	35.00	1,540
1975	2,000	Dec. 1, 1975	47	61.00	2,867
1976	1,900	Dec. 1, 1976	51	43.50	2,219
1977	1,900	Dec. 1, 1977	42	52.50	2,205
1978	1,900	Dec. 1, 1978	49	69.00	3,381
1979	1,900	Dec. 1, 1979	55	46.50	2,558
1980	2,200	Dec. 1, 1980	58	63.00	3,654
1981	2,000	Dec. 1, 1981	40	66.50	2,660
1982	2,000	Dec. 1, 1982	32	73.00	2,336

1/ Record high January 1 Hog and Pig Inventory.

Hogs: Inventory by Classes and Weight Groups, Utah, Dec. 1, 1969-82.

Year	Total	Breeding	Market	Market Hogs and Pigs by Weight Group			
				Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. and Over
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1969.....	43	7	36	16	8	6	6
1970.....	45	8	37	16	9	6	6
1971.....	50	7	43	17	12	8	6
1972.....	42	6	36	14	10	7	5
1973.....	46	7	39	16	11	7	5
1974.....	44	7	37	14	11	7	5
1975.....	47	8	39	17	9	8	5
1976.....	51	8	43	19	11	7	6
1977.....	42	7	35	15	8	7	5
1978.....	49	8	41	17	10	8	6
1979.....	55	8	47	24	11	7	5
1980.....	58	7	51	15	16	14	6
1981.....	40	5	35	12	9	10	4
1982.....	32	3	29	10	8	8	3

Hogs and Pigs: Inventory, Supply, and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Annual Pig Crop	Inshipments	Marketings 1/	Farm Slaughter 2/	Deaths	Inventory End of Year
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940.....	125	164	3	139	32	16	105
1944 3/....	196	170	5	213	30	20	108
1950.....	88	112	1	83	19	15	84
1960.....	68	84	1	64	11	10	68
1970.....	43	67	2	58	3	6	45
1974.....	46	67	2	63	4	4	44
1975.....	44	68	2	60	3	4	47
1976.....	47	77	2	67	4	4	51
1977.....	51	77	2	80	3	5	42
1978.....	42	70	2	59	2	4	49
1979.....	49	71	2	57	1	9	55
1980.....	55	83	2	73	2	7	58
1981.....	58	62	2	76.5	1	4.5	40
1982.....	40	44	2	50	1	3	32

1/ Includes custom slaughter for use on farm where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Hogs and Pigs: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketings 2/	Price per 100 Lbs.	Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
	1,000 Pounds	1,000 Pounds	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940.....	31,760	27,800	5.70	--	1,734	268	2,002	22
1944.....	43,655	46,995	12.80	--	6,345	592	6,937	72
1950.....	23,272	18,687	18.60	--	3,779	544	4,323	20
1960.....	16,611	13,676	15.70	2,608	2,577	331	2,541	14
1970.....	13,852	12,488	22.40	3,103	3,388	269	3,066	--
1974.....	14,790	12,803	33.20	4,910	4,251	718	4,969	--
1975.....	14,995	13,476	43.30	6,481	5,846	549	6,395	--
1976.....	17,159	13,969	42.90	7,355	5,999	1,270	7,269	--
1977.....	18,064	17,237	38.60	6,959	6,667	708	7,375	--
1978.....	14,791	12,980	45.30	6,680	5,880	464	6,344	--
1979.....	13,255	12,864	40.30	5,324	5,184	212	5,396	--
1980.....	18,483	16,125	36.70	6,762	5,918	488	6,406	--
1981.....	15,718	17,172	40.60	6,364	6,972	349	7,321	--
1982.....	10,722	11,224	49.20	5,234	5,522	408	5,930	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes interfarm sales and custom slaughter for use on farms where produced. 3/ Includes receipts from marketings and from sales of farm slaughtered meat.

Commercial Hog Slaughter: Number and Liveweight, Utah, Annual, Selected Years; and Monthly 1981, Quarterly 1982.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	258.2	--	--
1950.....	246.7	228	56,259
1960.....	306.4	227	69,695
1970.....	117.4	229	26,837
1974.....	78.5	212	16,641
1975.....	69.9	212	14,836
1976.....	80.3	242	19,449
1977.....	159.0	233	37,098
1978.....	99.1	232	23,006
1979.....	122.2	237	28,937
1980.....	154.5	236	36,428
1981.....	173.5	237	41,078
1982.....	177.3	238	42,290
1981			
Jan.	13.9	240	3,336
Feb.	12.3	238	2,937
Mar.	14.9	238	3,553
Apr.	15.2	234	3,566
May	13.8	237	3,269
Jun.	14.1	234	3,305
Jul.	15.1	235	3,543
Aug.	14.0	237	3,324
Sep.	14.9	237	3,533
Oct.	15.2	238	3,621
Nov.	14.5	236	3,429
Dec.	15.5	237	3,662
1982 3/			
Jan-Mar	42.7	239	10,196
Apr-Jun	45.3	238	10,763
Jul-Sep	42.8	237	10,134
Oct-Dec	46.5	241	11,196

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record. 3/ Because of lack of funds, slaughter data are available only by quarter in 1982.

DAIRY

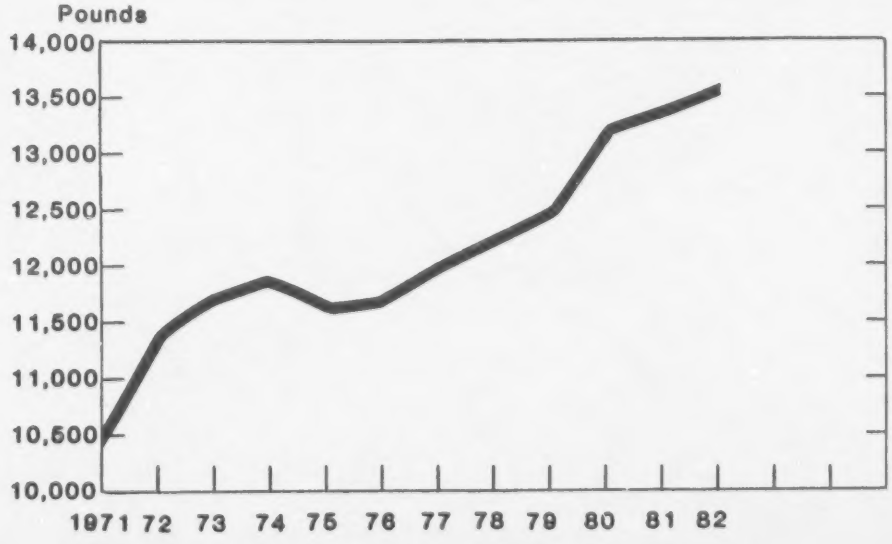
Although budget constraints prevented the publishing of milk production data on a monthly basis during 1982, it did not stop the milk flow. At the end of 1982, a total of 1.162 billion pounds of milk was accounted for--a 5 percent increase over last year's record production. Even though the average price declined 2 percent, cash receipts from farm marketings of milk increased another 3 percent, to an all time record of $148.7 million.

In recent years, just under one-third of all cash receipts to Utah farmers was supplied by milk production--in 1982 it was 37 percent and in 1982 it was 36 percent--emphasizing the importance of the dairy industry to Utah's agriculture.

With the increase in milk production, it follows that manufactured dairy products should increase also. This was true of cheese, which accounts for a major portion of the milk utilized for manufactured purposes. American cheese totaled 70,121 thousand pounds, an increase of 11 percent from a year earlier. Swiss cheese totaled 23,055 thousand pounds, an increase of 4 percent. Overall, whole milk cheese production totaled 93,387 thousand pounds, a 9 percent increase from last year. Normally, Utah manufactured dairy plants put out about 3 percent of the total American type cheese produced in the United States, and about 10 percent of the nation's output of Swiss cheese.

The Utah dairy herd, averaging around 80 thousand cows, reached a low of 76 thousand cows in 1979 and has been increasing since, to a 1982 average of 86 thousand head. At one time (1950), dairy cows in Utah herds totaled 100 thousand head. By comparison, however, the 1982 average production per cow averaged 13,512 pounds, more than twice the average produced in 1950.

UTAH, MILK PRODUCTION PER COW, 1971-82.

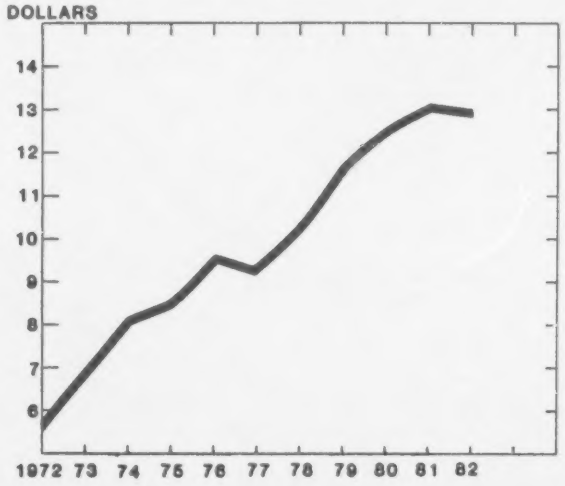


Milk Cows and Milk Production by Months, Utah, 1975-82.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Milk Cows (Thousand Head)													
1975.....	79	79	78	78	79	79	80	80	79	80	79	79	1/79
1976.....	78	78	78	78	78	78	79	79	79	79	79	79	1/79
1977.....	79	78	78	78	79	79	79	78	78	77	76	76	1/78
1978.....	76	76	76	76	76	77	78	78	78	78	78	78	1/77
1979.....	78	77	77	76	76	76	76	76	76	75	75	75	1/76
1980.....	75	76	76	77	78	78	79	80	79	79	78	79	1/78
1981.....	80	80	81	82	83	84	84	85	85	85	86	86	1/83
1982.....	88	87	86	2/	2/	86	2/	2/	85	2/	2/	84	1/86
Milk Per Cow (Pounds)													
1975.....	950	875	975	980	1040	1060	1070	1000	940	960	875	900	11633
1976.....	950	900	975	990	1025	1060	1060	1025	960	960	925	935	11696
1977.....	975	920	1020	1015	1060	1040	1060	1050	960	975	950	975	12000
1978.....	985	925	1040	1040	1090	1075	1100	1065	1000	1000	925	950	12208
1979.....	950	895	1030	1040	1125	1105	1130	1100	1030	1050	980	1030	12474
1980.....	1080	1010	1120	1115	1195	1150	1190	1140	1075	1075	1015	1040	13179
1981.....	1065	975	1145	1140	1195	1170	1200	1165	1095	1085	1030	1045	13370
1982.....	1025	954	1116	2/	2/	3565	2/	2/	3588	2/	2/	3345	13512
Milk Produced (Million Pounds)													
1975.....	75	69	76	76	82	84	86	80	74	77	69	71	919
1976.....	74	70	76	77	80	83	84	81	76	76	73	74	924
1977.....	77	72	80	79	84	82	84	82	75	75	72	74	936
1978.....	75	70	79	79	83	83	86	83	78	78	72	74	940
1979.....	74	69	79	79	85	84	86	84	78	79	74	77	948
1980.....	81	77	85	86	93	90	94	91	85	85	79	82	1028
1981.....	85	78	93	93	99	98	101	99	93	92	89	90	1110
1982.....	90	83	96	2/	2/	307	2/	2/	305	2/	2/	281	1162

1/ Average per month. 2/ Quarterly.

UTAH, AVERAGE PRICE PER HUNDREDWEIGHT FOR MILK, 1972-82.



Milk Cows and Production: Milk and Milkfat on Farms, Utah, Selected Years.

Year	Farms with milk cows	Number of milk cows on farms	Production of Milk and Milkfat				
			Per milk cow		Percentage of fat in all milk produced	Total	
			Milk	Milkfat		Milk	Milkfat
	1,000	1,000	Pounds	Pounds	Percent	Million Pounds	Million Pounds
1940...		96	5,730	215	3.75	550	21
1950...		100	6,550	246	3.75	655	25
1960...		94	8,130	297	3.65	764	28
1970...	3.8	78	10,500	382	3.64	819	30
1974...	2.8	78	11,859	433	3.65	925	34
1975...	2.8	79	11,633	427	3.67	919	34
1976...	2.7	79	11,696	423	3.62	924	33
1977...	2.7	78	12,000	427	3.56	936	33
1978...	2.7	77	12,208	432	3.54	940	33
1979...	2.7	76	12,474	442	3.54	948	34
1980...	2.7	78	13,179	468	3.55	1,028	36
1981...	2.7	83	13,370	471	3.52	1,110	39
1982 1/	2.8	86	13,512	478	3.54	1,162	41

1/ Record high annual milk production.

Milk Used and Marketed by Farmers, Utah, Selected Years.

Year	Milk Used on Farms Where Produced				Milk Marketed by Farmers			
	Fed to Calves	Consumed as Fluid Milk and Cream	Used for Farm-Churned Butter	Total	Sold to Plants and Dealers		Sold Directly to Consumers	Total
					As Whole milk	As Farm separated cream		
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds
1940....	17	61	22	100	296	116	35	1/450
1950....	22	51	13	86	515	26	28	569
1960....	18	33	5	56	675	11	22	708
1970....	9	18	--	27	740	2	50	792
1974....	8	16	--	24	860	--	41	901
1975....	8	14	--	22	860	--	37	897
1976....	10	15	--	25	855	--	44	899
1977....	9	12	--	21	875	--	40	915
1978....	9	11	--	20	880	--	40	920
1979....	10	5	--	15	895	--	38	933
1980....	9	9	--	18	985	--	25	1,010
1981....	12	10	--	22	1,060	--	28	1,088
1982....	14	9	--	23	1,110	--	29	1,139

1/ Includes 3,000,000 for farm churned butter sold.

Milk and Cream Marketed by Farmers: Quality, Price and Cash Receipts, Utah, Selected Years.

Year	Milk Sold to Plants and Dealers				Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Percent Fluid Grade	Price per 100 Lb.	Cash Receipts	Quantity Milkfat	Price per Lb. Fat	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	Million Pounds	Percent	Dol.	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars	1,000 Quarts	Cents	1,000 Dollars
1940...	296	--	1.45	4,292	4,330	30	1,299	16,000	7.7	1,232
1950...	515	--	3.69	19,004	970	62	601	13,000	16.0	2,080
1960...	675	--	4.07	27,472	400	55	220	10,000	18.0	1,800
1970...	740	71	5.48	40,552	71	59	42	23,256	21.5	5,000
1974...	860	73	8.10	69,660	--	--	--	19,070	28.0	5,340
1975...	860	75	8.50	73,100	--	--	--	17,209	28.0	4,819
1976...	855	73	9.45	80,798	--	--	--	20,465	34.0	6,958
1977...	875	74	9.35	81,813	--	--	--	18,605	31.0	5,768
1978...	880	74	10.30	90,640	--	--	--	18,605	33.0	6,140
1979...	895	73	11.70	104,715	--	--	--	17,674	35.0	6,186
1980...	985	70	12.50	123,125	--	--	--	11,628	38.0	4,419
1981...	1,060	68	13.10	138,860	--	--	--	13,023	40.0	5,209
1982...	1,110	66	12.90	143,190	--	--	--	13,488	41.0	5,530

Farm Dairy Products: Marketings, Income, and Value, Utah, Selected Years.

Year	Combined Marketings of Milk and Cream				Used for Milk Cream and Butter on Farms where Produced		Gross Farm Income from Dairy Products	Farm Value of Milk Produced
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value		
		Per 100 Pounds Milk	Per Pound Milkfat					
	Million Pounds	Dollars	Dollars	1,000 Dollars	Million Pounds	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	450	1.53	.41	6,868	83	1,270	8,138	8,423
1950....	570	3.81	1.02	21,717	63	2,400	24,117	24,956
1960....	708	4.17	1.14	29,492	38	1,585	31,007	31,859
1970....	792	5.76	1.58	45,594	18	1,037	46,631	47,174
1974....	901	8.32	2.28	75,000	16	1,331	76,331	76,960
1975....	897	8.69	2.37	77,919	14	1,217	79,136	79,861
1976....	899	9.76	2.70	87,756	15	1,464	89,220	90,182
1977....	915	9.57	2.69	87,581	12	1,148	88,729	89,575
1978....	920	10.52	2.97	96,780	11	1,157	97,937	98,888
1979....	933	11.89	3.36	110,901	5	595	111,496	112,717
1980....	1,010	12.63	3.56	127,544	9	1,137	128,681	129,836
1981....	1,088	13.24	3.76	144,069	10	1,324	145,393	146,964
1982....	1,139	13.06	3.69	148,720	9	1,175	149,895	151,757

Butter and Cheese: Production, Utah, Selected Years.

Year	Butter	American Cheese			Swiss Cheese	Total Whole Milk Cheese
		Cheddar	Other	All		
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	10,426			4,496	0	4,496
1950.....	5,834			6,901	5,163	12,064
1960.....	7,106	5,460	608	6,068	5,890	11,958
1970.....	8,411	18,279	3,911	22,190	10,776	32,966
1974.....	7,375	40,047	4,428	44,475	18,386	62,886
1975.....	7,307	32,355	5,783	38,138	19,654	57,824
1976.....	5,653	37,689	5,891	43,580	20,173	63,766
1977.....	5,507	35,863	7,277	43,140	19,189	62,330
1978.....	4,654	33,863	6,452	40,315	19,991	60,464
1979.....	4,889	33,666	7,660	41,326	21,244	62,828
1980.....	5,592	40,554	9,709	50,263	21,144	71,659
1981.....	7,947	52,047	11,407	63,454	22,156	85,877
1982.....	7,870	61,651	8,470	70,121	23,055	93,389

Cottage Cheese and Dry Whey: Production, Utah, Selected Years.

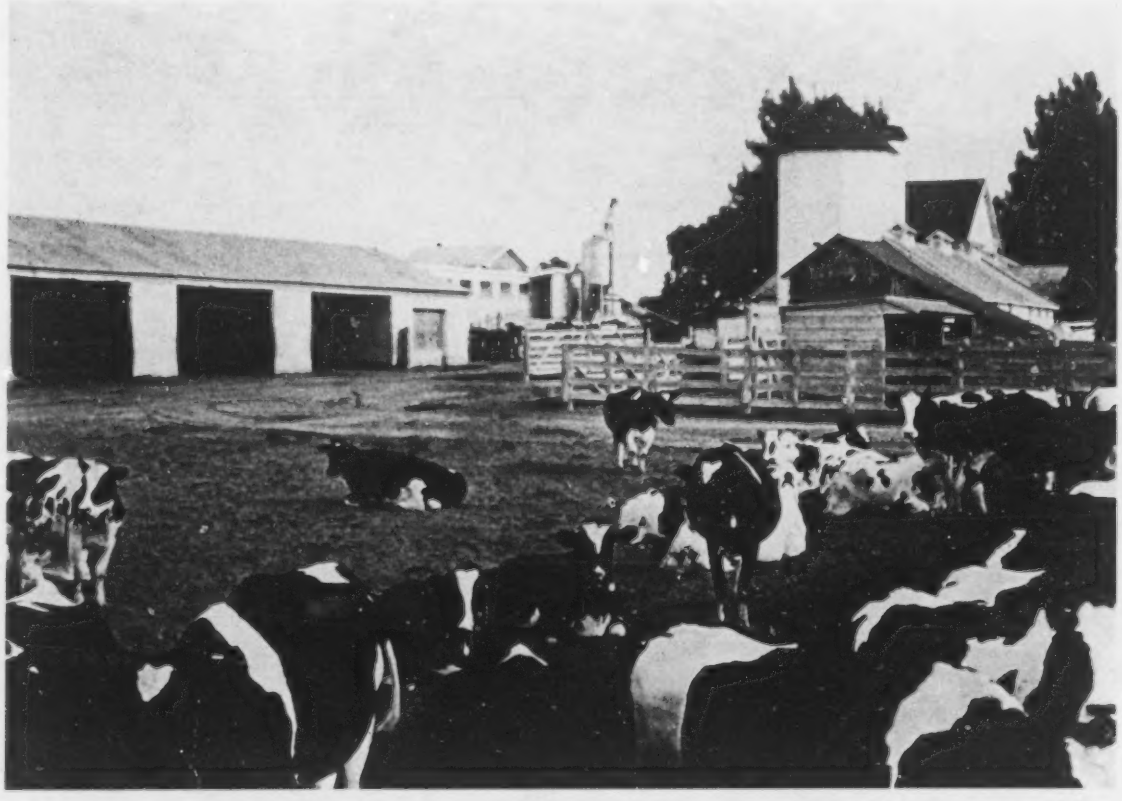
Year	Cottage Cheese		Dry Whey		
	Curd	Creamed	Human Food	Animal Feed	Total
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	670	966			
1950.....	2,476	3,563			
1960.....	4,796	7,458			
1970.....	5,236	8,795	2/	2/	12,190
1974.....	6,020	1/9,829	2/	2/	26,679
1975.....	5,617	1/8,560	19,204	1,348	20,552
1976.....	6,158	1/9,723	16,467	2,308	18,775
1977.....	5,960	1/9,502	19,690	2,688	22,378
1978.....	5,281	1/8,583	24,403	1,334	25,737
1979.....	5,094	1/8,389	21,556	1,599	23,155
1980.....	5,427	1/8,980	20,309	520	20,829
1981.....	6,022	1/9,452	22,138	775	22,913
1982.....	5,547	1/9,276	21,774	692	22,466

1/ Includes any low fat production. 2/ Less than 3 plants.

Frozen Products: Production, Utah, Selected Years.

Year	Ice Cream 1/	Ice Milk			Sherbet 1/	Water Ices
		Hard	Soft	Total		
	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons
1940.....	1,235	--	--	201	60	--
1950.....	2,532	--	--	578	76	--
1960.....	3,849	563	771	1,334	350	181
1970.....	4,456	1,189	1,547	2,736	449	292
1974.....	5,812	1,313	1,813	3,126	421	190
1975.....	6,758	1,264	1,284	2,548	451	148
1976.....	6,708	1,203	1,659	2,862	454	246
1977.....	6,681	1,188	1,953	3,141	471	233
1978.....	7,322	1,025	1,905	2,930	514	190
1979.....	7,878	905	1,699	2,604	582	151
1980.....	8,198	804	2,078	2,882	593	127
1981.....	8,475	661	1,690	2,351	533	152
1982.....	8,428	534	1,660	2,194	546	302

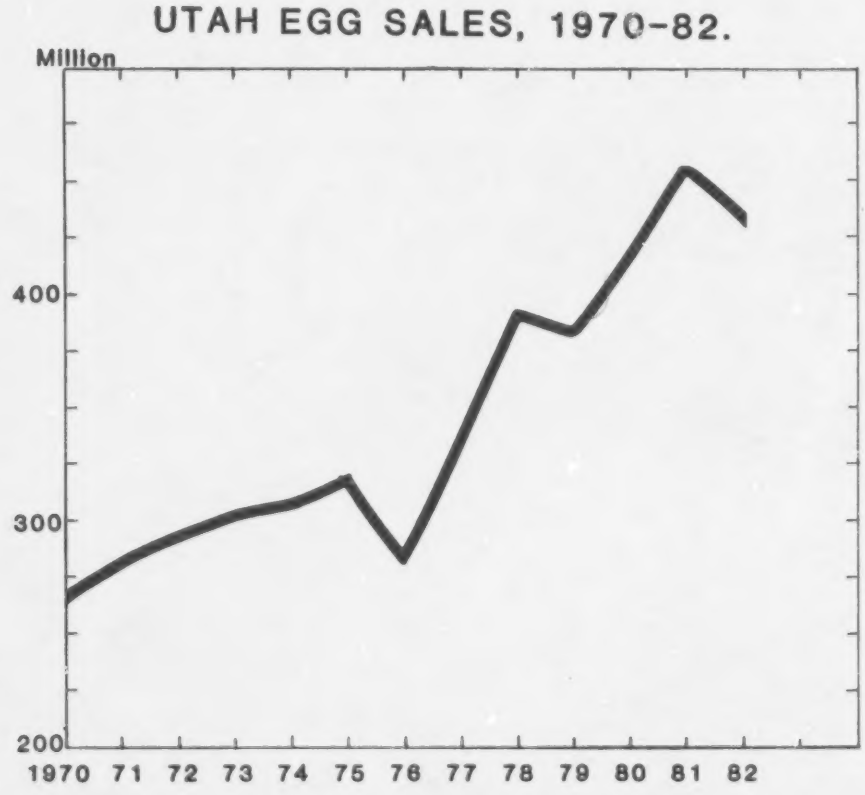
1/ Essentially all hard frozen.



CHICKENS AND EGGS

Total egg production in 1982 was estimated at 439 million eggs, a drop of 4 percent from the previous year. This was the first decline in egg production since 1979. Eggs produced per layer averaged 230 eggs, off 5 percent from 1981. Price per dozen, at 50 cents, fell 4 cents from last year's price. As of December 1, 1982, hens and pullets of laying age were estimated at 1,773,000 head, down 6 percent from 1981.

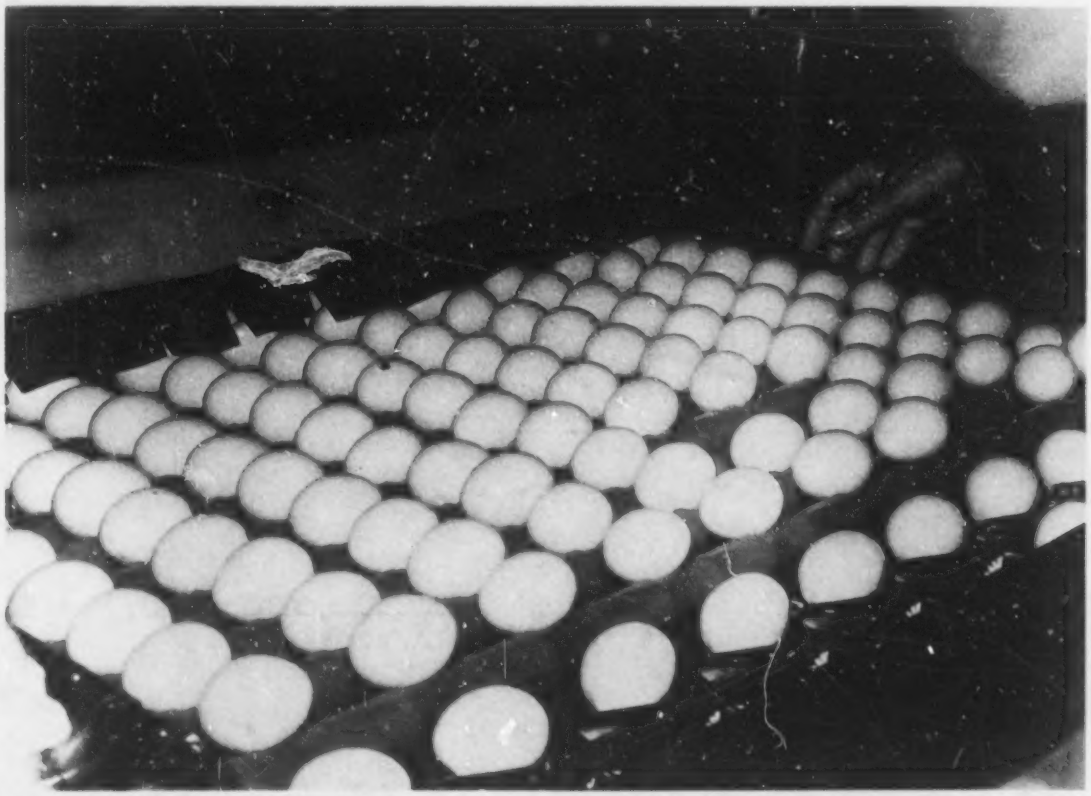
The 1983 outlook for Utah egg production is good. As of December 1, 1982, the number of pullets three months and older, not yet laying, totaled 300,000 head--more than double the previous year. The number of pullets under three month old also increased substantially. The December tally accounted for 250,000 head, nearly three times that of a year earlier. This could mean a marked increase in egg production during 1983.



Eggs: Layers Production, Disposition, and Income, Utah, Selected Years.

Year	Average Number Layers	Eggs				Income			
		Produced		Disposition		Price per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
		Per Layer	Total	Home Consumption	Sold				
	Thousands		Millions	Millions	Millions	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	1,739	155	269	39	230	18.7	3,584	592	4,176
1944 1/	2,658	165	439	43	396	35.5	11,715	1,242	12,957
1950...	2,310	184	425	32	393	39.5	12,936	1,053	13,989
1960...	1,377	223	307	13	294	34.9	8,550	378	8,928
1970...	1,256	216	271	4	267	36.0	8,010	120	8,130
1974...	1,369	227	311	2.5	308.5	46.3	11,903	96	11,999
1975...	1,381	232	321	2	319	42.7	11,351	71	11,422
1976...	1,310	216	283	1.5	281.5	50.0	11,729	63	11,792
1977...	1,468	228	335	2	333	48.2	13,376	80	13,456
1978...	1,680	235	395	2	393	44.0	14,410	73	14,483
1979...	1,660	232	385	2	383	45.0	14,363	75	14,438
1980...	1,762	236	416	2	414	49.0	16,905	82	16,987
1981...	1,903	241	459	2	457	54.0	20,565	90	20,655
1982...	1,906	230	439	2	437	50.0	18,208	83	18,291

1/ Record high layers.



Chicken Inventory 1/: Number and Value, Utah, Selected Years.

Date	Hens & Pullets of Laying Age	Pullets 3 Mo. & Over--Not Laying	Pullets Under 3 Months	Other Chickens	Total Chickens		
					Number	Value	
						Average	Total
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	Dollars	1,000 Dollars
Jan. 1, 1940....	2,191	3/	4/	175	2,366	.63	1,491
Jan. 1, 1944 2/.	3,181	3/	4/	313	3,494	1.10	3,843
Jan. 1, 1950....	2,871	3/	4/	150	3,021	1.22	3,686
Jan. 1, 1960....	1,691	3/	4/	69	1,760	.94	1,654
Jan. 1, 1970....	1,320	190	219	10	1,739	1.20	2,087
Dec. 1, 1970....	1,182	218	327	10	1,737	1.10	1,911
Dec. 1, 1974....	1,339	212	241	4	1,796	1.55	2,784
Dec. 1, 1975....	1,284	239	207	4	1,734	1.85	3,208
Dec. 1, 1976....	1,387	223	210	1	1,821	1.75	3,187
Dec. 1, 1977....	1,669	136	284	5	2,094	1.80	3,769
Dec. 1, 1978....	1,700	108	335	7	2,150	2.05	4,408
Dec. 1, 1979....	1,682	208	106	4	2,000	2.20	4,400
Dec. 1, 1980....	1,871	91	134	4	2,100	1.65	3,465
Dec. 1, 1981....	1,892	144	85	4	2,125	1.70	3,613
Dec. 1, 1982....	1,773	300	250	3	2,326	2.05	4,768

1/ Excludes commercial broilers. 2/ Record high January 1 chicken inventory. 3/ Included with hens and pullets. 4/ Included in hens and pullets and in other chickens.

Chickens 1/: Inventory Numbers, Number Raised and Disposition, Utah, Selected Years.

Year 2/	All Chickens on Hand Beginning of Year	Lost	Raised	Home Consumption	Sold	All Chickens on Hand End of Year	Produced	
							Number	Weight
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Pounds
1940...	2,366	426	2,917	512	2,044	2,301	2,491	7,627
1950...	3,021	634	4,236	395	3,562	2,666	3,602	13,851
1960...	1,760	334	1,397	203	1,018	1,602	1,063	4,252
1970...	1,751	200	862	38	638	1,737	662	2,336
1974...	1,871	190	1,024	14	895	1,796	834	3,274
1975...	1,796	144	922	13	827	1,734	778	3,032
1976...	1,734	126	927	13	701	1,821	801	3,050
1977...	1,821	183	963	13	494	2,094	780	2,828
1978...	2,094	180	1,000	20	744	2,150	820	2,998
1979...	2,150	210	930	20	850	2,000	720	3,299
1980...	2,000	260	1,184	20	804	2,100	924	3,528
1981...	2,100	300	1,305	20	960	2,125	1,005	3,916
1982...	2,125	219	1,410	20	970	2,326	1,191	3,666

1/ Excludes commercial broilers. 2/ Jan. 1 through 1969--Dec. 1 starting 1970.

Chickens 1/: Disposition, Cash Receipts, and Gross Income, Utah, Selected Years.

Year	Sold	Home Consumption	Price per Pound	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	1,000 Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	6,132	1,690	11.0	839	675	186	861
1950....	13,892	395	20.7	2,867	2,867	278	3,154
1960....	4,174	710	8.2	349	342	58	400
1970....	2,552	152	4.0	93	102	6	108
1974....	3,491	56	6.0	196	209	3	212
1975....	3,143	51	4.0	121	126	2	128
1976....	2,664	51	7.0	214	186	4	190
1977....	1,877	51	7.5	212	141	4	145
1978....	2,827	78	6.6	198	187	5	192
1979....	3,230	78	8.0	264	258	6	264
1980....	3,055	78	8.0	282	244	6	250
1981....	3,648	78	6.0	235	219	5	224
1982....	3,589	78	5.4	198	194	4	198

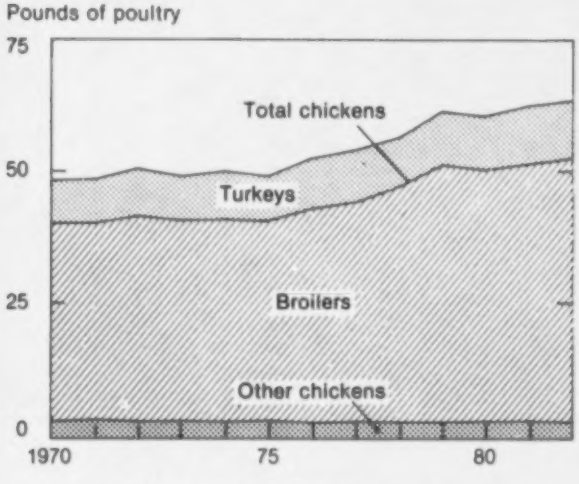
1/ Excludes commercial broilers.

TURKEYS

Although the farm price of Utah turkeys increased 7 cents per pound during 1982, gross income to turkey producers totaled only 26.0 million dollars--a drop of 3 percent from the 26.8 million dollars realized a year earlier. The decline was primarily caused by a 17 percent decline in the number of turkeys raised. As was expected, producers cut back severely from the 1982 levels to try to recoup losses of earlier over-production.

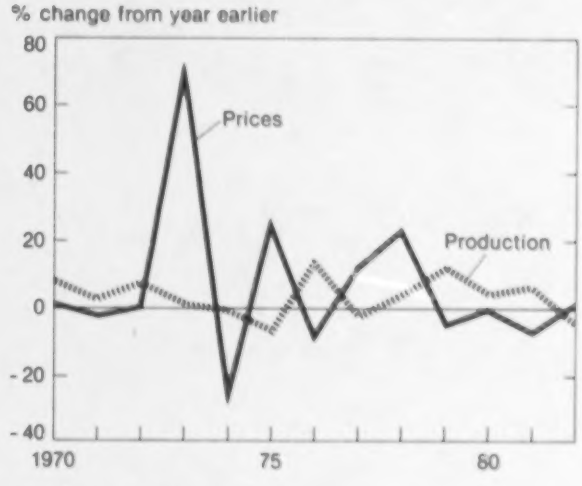
Based on estimated wholesale costs and returns, turkey producers began making a profit in June of 1982, which continued through November. As a result, hatching activity increased for anticipated first-half 1983 marketings. Unless turkey prices improve--or positive signs of a general economic recovery occur--the number of poults hatched may decline or remain about the same as a year earlier, as producers enter the main hatching months for second half output.

Per Capita Consumption of Poultry and Eggs



1981 preliminary, 1982 forecast. Poultry is ready-to-cook weight.

Turkeys: Changes in Production and Farm Prices

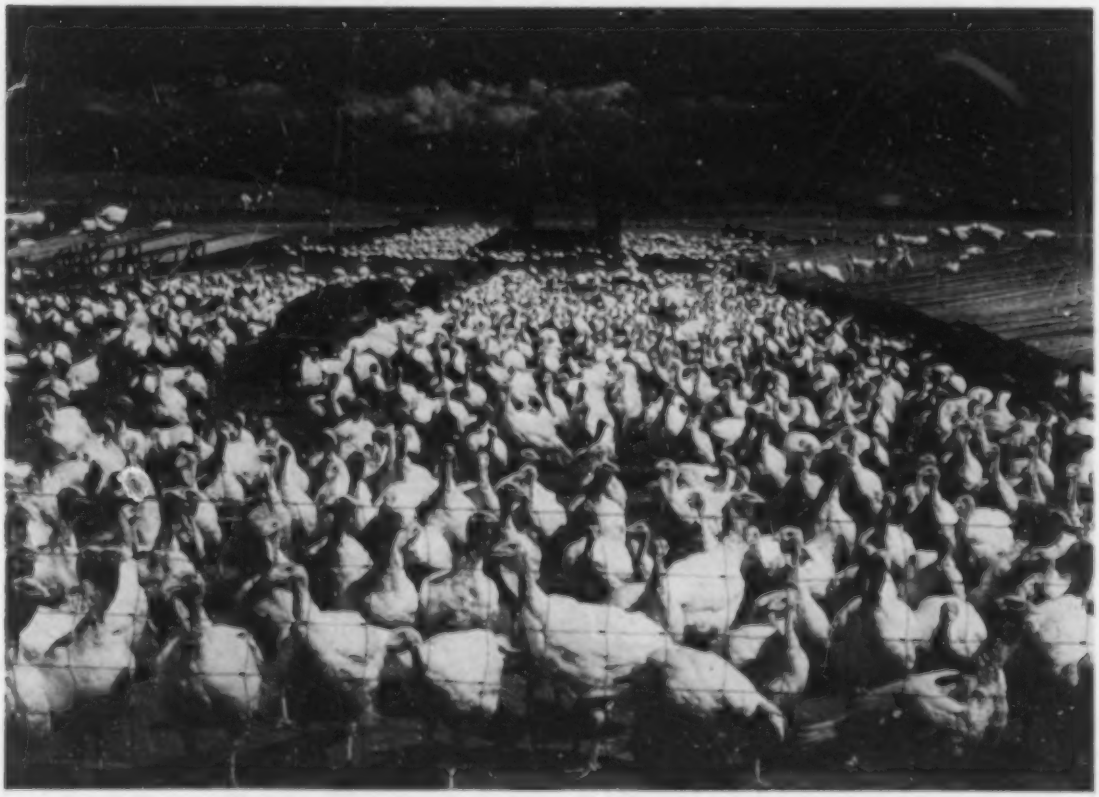


1981 preliminary, 1982 forecast.

Turkeys: Production and Gross Income, Utah, Selected Years.

Year	Raised			Average Weight	Produced	Per Pound	Gross Income 1/
	Heavy	Light	Total				
	1,000 Head	1,000 Head	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1940.....	--	--	854	16.0	13,656	17.4	2,376
1950.....	--	--	1,673	21.5	35,914	27.8	9,984
1960.....	2,706	95	2,801	20.2	56,515	24.3	13,733
1970.....	3,946	0	3,946	21.6	85,234	22.1	18,837
1973 2/....	4,061	0	4,061	22.5	91,373	43.0	39,290
1974.....	3,438	33	3,471	22.2	77,056	29.0	22,346
1975.....	3,369	77	3,446	21.8	75,123	37.0	27,796
1976.....	3,417	23	3,440	22.1	76,024	33.0	25,088
1977.....	2,664	0	2,664	23.2	61,805	37.1	22,930
1978.....	2,794	0	2,794	22.9	63,983	49.0	31,352
1979.....	2,921	0	2,921	23.5	68,644	47.0	32,263
1980.....	2,409	0	2,409	22.2	53,480	50.0	26,740
1981.....	2,901	0	2,901	22.5	65,273	41.0	26,762
1982.....	2,404	0	2,404	22.5	54,090	48.0	25,963

1/ Includes home consumption, less than 1% of production. 2/ Record high turkeys raised.



MINK

Utah ranks second nationally in mink production--exceeded only by Wisconsin. Several color classes are produced in the state, with "Standard" the most important, followed by "Pastel". These two classes account for about two-thirds of the state's total. Demi-Buff, Pearl, Violet Type, and Sapphire account for most of the balance, with a few Pale Brown, Gunmetal, Platinum, Lavender-Hope, Pink, and White also produced.

Mink production is centered primarily in the north central counties of the state--from Cache on the north to Utah County on the south. The heaviest concentrations are in Salt Lake, Morgan, and Summit Counties. A few producers are scattered out of the main area--in the Uinta Basin and in central Utah.

During 1981, USDA budget cuts interrupted the annual mink survey. Industry efforts, however, recovered funds enough to restore the survey in 1982. Unfortunately, these data were not available at press time. The 1984 publication of "Utah Agricultural Statistics" will carry the full table since 1969, including the current year. Anyone interested in obtaining the 1982 survey information may receive it by contacting the United States Department of Agriculture, Washington, D.C. 20250, after July 8, 1983.

Mink: Pelts Produced 1969-80 and Females Bred 1969-81, Utah and U.S.

Year	UTAH			UNITED STATES		
	Ranches Producing Pelts	Pelts Produced	Females Bred	Ranches Producing Pelts	Pelts Produced	Females Bred
		1,000	1,000		1,000	1,000
1969.....	343	439	135	2,794	5,688	1,364
1970.....	308	396	134	2,227	4,532	1,416
1971.....	261	340	108	1,615	3,380	1,011
1972.....	225	285	94.5	1,380	2,965	858
1973.....	218	283	100	1,329	3,037	902
1974.....	198	315	103	1,221	3,128	905
1975.....	186	308	99	1,081	3,067	870
1976.....	168	323	97.7	1,015	3,026	847
1977.....	185	359	113	1,040	3,076	887
1978.....	191	411	129	1,095	3,358	925
1979.....	190	413	141	1,105	3,394	978
1980.....	190	466	149	1,122	3,501	1,037
1981.....	--	--	152	--	--	1,074

FARM LABOR

Change and innovation have been characteristic of the farming industry in recent years. Utah has not escaped this transition. Escalating production costs, including labor, have caused agricultural producers to search for better and more efficient ways to bring their produce to the market place. Data information, used as a service to the farm industry, has been harder to come by because sources of funding have dried up. The data are just as important, nonetheless, so changes have also followed in an effort to do "more for less". For many years, farm labor and wage rates were available to the public on a monthly basis, then quarterly, and then twice a year. In 1982, only one labor survey was made (in July) using much smaller sources of data than ever before. To make the information more useful, the format was changed, making few items comparable with earlier years. The old concept of family workers gave way to a self-employed and unpaid worker breakdown. Much of the detail of wage rates were set aside.

In Utah, during July 1982, the number of family workers (self employed and unpaid labor) remained about the same level--a little higher because the survey was made in the summer when all the family was at home. Perhaps the number of hours worked during the survey week was a little higher too, because of the peak labor period.

Wage rates of hired workers were about steady with earlier years. Some increases in hourly wages were noted. Data on piece rate wages have been inconsistent in years past, but additional data available revealed a level somewhat lower than the national level, but consistent with the Intermountain Region.

Farm Labor and Wage Rates, Utah, January and April, 1981 and July, 1982.

	January 11-17 1981	April 12-18 1981	July 11-17 1982
	Workers on Farms (000)		
Total	11.0	15.0	17.0
Family 1/2/	8.0	10.0	N/A
Self-employed	N/A	N/A	8.0
Unpaid	N/A	N/A	3.0
Hired 3/	3.0	5.0	6.0
	Hours Worked per Worker		
Farm Operator 1/	32.2	36.7	42.2
Other Unpaid Family Members 1/	30.9	38.1	22.1
All Family 1/	31.9	37.1	4/
Hired Workers 3/	39.4	37.4	53.7
	Farm Wage Rates - Dollars per Hour		
By Piece Rate	4/	4/	3.27
By Other than Piece Rate	3.88	3.80	4/
By Hour Only	3.99	4.12	4.46
By Cash Wages Only	3.97	3.91	--
By Hour Receiving Cash Wages Only	3.77	3.45	--
All Hired Farm Workers	3.90	3.80	--
	Wage Rates by Type of Work		
Field Workers	4.09	3.90	4/
Livestock Workers	3.61	3.50	4/

1/ Includes operators working one or more hours plus unpaid family members working 15 or more hours during the calendar week. 2/ Beginning July, 1982, family workers section is broken down into self-employed and unpaid workers. 3/ All persons working one hour or more for cash wages during the survey week. 4/ Insufficient data for this category.

AGRICULTURAL PRICES

The raw price data collected by Crop Reporting Board enumerators are the basis for the series of average prices and the price indexes that play a key role in farm programs. In addition to providing a basis for determining deficiency payments, the estimates of prices received for various farm products are used to calculate an index of Prices Received by Farmers, which provides a single indicator of the overall direction and pace of farm product prices.

The "bookkeeping lag"--the fact that data are not immediately available--makes it necessary to figure two series of prices received. A preliminary mid-month price is estimated for the current month. Since sales quantity information is not available, prices are weighted on historic sales information. At the same time, the total quantity purchased and total dollars received by growers during the previous month are obtained and used to revise the mid-month data of the previous month.

Prices for most commodities relate to the mid-month level for sales about the 13th to the 17th, when the data are collected. However, prices for a few commodities, such as milk and wool, relate to all sales during the month; and beginning in 1977, barley prices represent an average for sales during the entire month.

Monthly prices have been discontinued for several agricultural products produced in Utah, because the state accounts for a very small portion in comparison with the U.S. total. Only a season average price is now estimated for wheat, corn, oats, dry beans, potatoes, alfalfa seed, hogs, chickens, and eggs.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						BARLEY (Dollars per Bushel) 1/						
1950	1.09	1.07	1.13	1.08	1.08	1.11	1.18	1.12	1.14	1.11	1.11	1.18
1960	1.02	1.00	1.00	1.00	1.00	1.02	.98	.98	.98	1.00	1.00	1.01
1970	1.10	1.10	1.09	1.04	1.03	1.05	1.01	.98	.99	1.04	1.07	1.12
1975	3.04	2.74	2.50	2.59	2.70	2.56	2.60	2.58	2.61	2.56	2.48	2.40
1976	2.40	2.40	2.48	2.43	2.43	2.50	2.50	2.33	2.24	2.24	2.08	2.10
1977	2.11	2.19	2.20	2.24	2.25	2.12	1.90	1.69	1.69	1.68	1.82	1.95
1978	1.99	2.06	2.07	2.09	2.28	2.08	2.17	1.96	1.97	2.04	2.02	2.06
1979	2.06	2.08	2.05	2.10	2.03	2.14	2.19	2.16	2.30	2.36	2.49	2.53
1980	2.49	2.51	2.64	2.58	2.50	2.46	2.53	2.56	2.67	2.89	2.93	2.92
1981	3.15	3.26	3.18	3.25	3.23	3.08	2.63	2.49	2.65	2.64	2.67	2.51
1982	2.65	2.63	2.61	2.54	2.63	2.64	2.52	2.29	2.16	2.27	2.23	2.30
						ALFALFA HAY, BALED (Dollars per Ton) 2/						
1950	21.60	20.00	18.30	18.30	18.80	20.00	22.00	22.50	22.50	22.90	22.90	24.00
1960	27.00	27.50	26.50	26.50	26.70	26.70	26.40	26.40	27.00	27.00	28.00	28.50
1970	25.50	26.00	26.00	25.50	25.50	25.50	24.00	24.00	24.50	24.50	25.50	25.50
1975	48.50	48.50	48.00	48.50	55.50	60.00	52.00	50.50	51.00	51.50	51.00	51.50
1976	52.00	53.00	54.50	55.00	56.50	53.50	53.00	53.00	54.50	53.50	54.00	56.00
1977	56.00	57.00	59.50	61.00	65.50	66.50	63.50	61.00	56.50	54.50	56.00	55.50
1978	56.00	54.50	54.00	50.50	50.50	49.00	47.50	46.50	45.00	46.00	46.50	48.00
1979	50.00	50.50	52.00	52.00	52.50	53.00	52.50	51.50	51.50	53.50	60.00	69.00
1980	64.00	63.50	71.00	69.00	60.50	71.50	73.50	69.50	70.00	75.00	74.00	76.00
1981	74.50	73.50	72.00	71.00	68.00	65.00	60.00	67.00	62.00	63.00	64.00	66.00
1982	63.00	65.00	62.00	61.00	65.00	64.00	68.00	72.00	66.00	69.00	72.00	73.00
						ALL HAY, BALED (Dollars per Ton) 2/						
1950	21.10	19.20	17.50	17.50	18.30	19.00	21.00	21.50	21.50	22.50	22.50	23.50
1960	26.20	26.80	25.70	25.70	25.70	26.00	25.50	25.60	26.40	26.50	27.40	27.80
1970	25.00	25.50	25.50	25.00	25.00	25.00	23.50	23.40	23.80	23.90	24.90	24.90
1975	47.50	48.00	47.00	48.00	55.00	59.50	51.50	50.00	50.50	51.00	50.00	50.50
1976	51.00	52.50	54.00	54.00	55.50	52.50	52.00	52.00	53.50	52.50	53.00	55.00
1977	55.00	56.00	58.50	60.00	64.00	65.00	62.50	60.00	55.50	53.50	55.00	54.50
1978	55.00	54.00	53.00	50.00	50.00	48.50	46.50	45.50	44.00	45.00	45.50	46.50
1979	49.00	49.50	51.00	51.00	51.50	52.00	51.00	50.50	51.00	52.50	64.00	67.00
1980	62.50	62.00	63.00	65.00	60.00	69.50	71.50	67.50	67.00	73.00	72.00	72.00
1981	72.00	72.00	67.00	67.00	65.00	62.00	59.00	62.00	57.00	61.00	61.00	60.00
1982	57.00	57.00	55.00	56.00	60.00	61.00	64.00	67.00	62.00	65.00	68.00	69.00

1/ Average price relates to mid-month average through 1976. Starting in 1977, It represents an average for the entire month. 2/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						COWS (Dollars per Cwt.) 1/						
1950						Not Available						
1960	14.00	14.70	16.00	15.70	16.00	14.60	13.10	13.30	13.50	13.10	12.90	13.70
1970	20.00	21.50	22.50	21.80	21.30	20.90	20.70	20.10	19.90	18.40	17.70	18.10
1975	16.50	19.00	19.10	20.40	20.90	22.30	21.10	19.40	20.70	20.10	18.80	20.20
1976	21.40	24.80	27.20	28.70	28.80	27.40	26.20	25.80	23.60	22.90	20.00	19.70
1977	20.60	22.90	23.70	25.90	24.80	26.00	25.60	26.00	26.30	26.20	24.80	25.90
1978	27.80	31.00	32.60	34.90	37.60	34.80	37.10	34.90	37.30	38.40	37.80	39.80
1979	46.20	49.70	52.90	53.90	52.10	46.60	45.50	44.40	46.80	44.90	44.10	45.00
1980	44.10	46.10	44.90	43.60	40.00	41.60	42.10	43.80	44.80	45.30	42.20	40.90
1981	41.20	43.20	42.50	42.70	40.40	40.90	41.20	41.90	40.60	37.00	34.70	34.30
1982	35.10	36.50	37.90	38.90	39.90	38.90	39.70	39.50	39.40	37.20	33.10	31.70
						STEERS & HEIFERS (Dollars per Cwt.) 1/						
1950						Not Available						
1960	20.50	21.10	22.30	22.40	22.70	21.30	20.60	19.70	19.70	18.80	18.80	20.30
1970	27.50	28.70	31.50	28.80	29.00	29.00	28.50	26.80	26.90	26.70	26.90	25.80
1975	25.40	25.30	26.40	30.80	34.00	35.00	35.20	31.50	31.40	31.00	30.30	31.90
1976	32.80	34.40	34.40	39.00	38.70	37.40	34.20	32.50	33.50	31.60	32.70	33.00
1977	32.60	33.00	34.00	35.60	36.50	36.60	38.00	36.90	37.10	38.50	37.80	38.70
1978	40.00	43.10	47.20	49.00	53.60	52.80	51.70	52.10	55.70	56.40	55.50	59.60
1979	64.30	68.20	76.40	79.40	75.90	68.50	66.80	61.10	70.30	68.00	69.20	68.60
1980	70.10	70.60	68.10	62.60	61.70	63.00	65.20	65.30	64.70	64.90	63.70	62.70
1981	63.80	62.10	60.00	61.20	59.50	63.30	59.50	59.20	59.40	56.60	56.30	53.50
1982	53.70	57.00	59.70	60.00	60.30	59.30	56.10	59.30	56.40	53.70	54.50	52.20
						BEEF CATTLE (Dollars per Cwt.) 1/						
1950	20.00	20.00	20.50	21.50	23.00	23.00	23.50	24.00	24.00	24.30	25.30	26.20
1960	18.10	18.90	20.40	20.30	20.50	18.70	17.50	17.20	17.50	17.20	16.90	18.00
1970	25.20	26.30	28.70	26.70	26.70	26.70	25.90	24.60	24.70	24.40	24.60	23.70
1975	22.60	23.20	24.00	27.50	29.50	30.60	30.10	27.10	27.70	27.40	26.70	28.20
1976	29.20	30.90	31.90	35.50	34.30	32.20	28.80	27.90	28.00	27.20	26.20	27.00
1977	28.00	29.60	30.50	32.40	32.20	32.40	34.30	34.30	34.80	35.70	33.90	34.60
1978	36.00	39.70	44.00	45.60	50.20	49.00	49.10	49.90	52.80	53.00	52.70	55.00
1979	60.10	63.80	71.00	73.30	71.10	65.20	62.50	57.90	65.60	63.80	63.70	62.90
1980	64.10	65.00	63.20	58.60	57.10	59.40	60.10	60.80	60.50	60.80	57.50	55.90
1981	55.70	55.40	54.20	57.10	52.90	54.90	51.90	52.40	53.10	48.60	49.90	43.50
1982	47.40	50.10	54.30	54.50	52.00	49.00	47.20	50.40	51.00	45.30	44.10	42.30

1/ Mid-month average price through 1979. Prices after 1979 are revised full month prices.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						CALVES (Dollars per Cwt.) 1/						
1950	23.00	24.00	24.80	25.50	26.50	26.00	27.00	27.00	27.50	28.00	29.00	29.50
1960	24.00	25.00	25.20	25.80	26.00	23.50	22.00	20.50	21.30	22.50	22.30	23.50
1970	35.00	37.20	38.00	34.50	34.40	34.90	33.00	31.00	31.70	33.00	32.60	33.30
1975	23.30	23.30	23.90	27.40	27.70	30.00	26.00	23.30	26.00	26.40	29.40	31.00
1976	32.00	34.80	36.00	39.50	40.60	41.40	36.00	33.50	32.10	34.00	34.30	33.50
1977	31.90	35.20	34.80	37.40	35.20	36.40	36.40	36.50	38.80	41.30	39.40	40.60
1978	44.00	46.20	49.80	53.10	58.40	56.80	56.70	60.30	64.30	70.60	68.30	70.40
1979	80.10	85.10	96.40	95.50	90.90	91.20	81.70	86.00	85.30	85.50	89.60	83.90
1980	82.00	85.50	83.30	72.60	72.20	77.20	77.70	75.10	72.70	75.70	71.50	73.20
1981	71.30	70.50	67.70	69.80	65.20	67.00	60.10	62.00	61.70	59.80	58.30	58.70
1982	55.70	59.30	61.10	61.00	63.90	62.90	59.00	62.70	64.00	62.30	56.30	56.50
						MILK COWS (Dollars per Head) 2/3/						
1950	200	200	200	200	205	210	210	210	215	225	225	230
1960	220	220	220	225	225	235	225	225	215	205	205	215
1970	320	320	330	330	330	330	325	315	310	320	340	320
1975	400	385	400	370	390	390	400	390	400	410	430	460
1976	455	455	485	490	505	505	480	510	480	480	495	500
1977	480	480	490	490	490	460	480	500	510	495	525	500
1978	510	520	545	565	615	660	670	690	725	745	770	805
1979	850	890	1010	1090	1090	1050	1080	1060	1050	1090	1090	1100
1980	1160	1190	1220	1220	1200	1200	1190	1210	1210	1220	1220	1220
1981	1250	1250	1240	1210	1200	1190	1190	1180	1180	1180	1160	1160
1982	1160			1130			1120			1100		
						TURKEYS (Cents per Pound) 2/						
1950	27.0	27.0	27.0	19.5	21.0	22.0	25.0	36.0	27.0	27.0	27.0	30.0
1960	30.0	28.0	27.0	28.0	25.0	21.0	22.0	23.0	23.0	24.0	26.0	26.0
1970	24.0	27.0	24.0	--	26.0	25.0	22.0	22.0	22.0	22.0	21.0	22.0
1975	34.0	32.0	29.0	--	32.0	34.0	35.0	36.0	38.0	39.0	39.0	38.0
1976	35.0	34.0	--	--	36.0	32.0	33.0	33.0	32.0	32.0	32.0	35.0
1977	35.0	34.0	37.0	36.0	33.0	34.0	35.0	34.0	35.0	39.0	40.0	41.0
1978	--	--	--	--	42.0	41.0	47.0	49.0	45.0	50.0	52.0	54.0
1979	--	--	--	--	44.0	45.0	41.0	43.0	49.0	46.0	51.0	51.0
1980	--	--	--	36.0	37.0	38.0	44.0	47.0	52.0	56.0	56.0	49.0
1981	--	--	--	47.0	44.0	46.0	48.0	45.0	41.0	35.0	40.0	35.0
1982 4/												

1/ Mid-month average price through 1979. Prices after 1979 are revised full month prices. 2/ Mid-month average price. 3/ Published only by quarters in 1982. 4/ Monthly price discontinued December 31, 1981.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						MILK, ALL (Dollars per Cwt.) 1/						
1950	4.00	3.90	3.65	3.50	3.30	3.30	3.35	3.60	3.75	4.00	4.15	4.15
1960	4.25	4.15	4.05	3.95	3.85	3.80	3.80	3.95	4.20	4.25	4.35	4.40
1970	5.70	5.55	5.40	5.45	5.35	5.20	5.20	5.30	5.55	5.65	5.80	5.80
1975	8.25	8.10	8.05	8.05	7.95	7.85	8.05	8.30	8.75	9.20	9.40	10.40
1976	9.90	9.55	9.70	9.25	9.25	9.05	9.20	9.45	9.40	9.60	9.60	9.50
1977	9.35	9.15	9.20	9.20	9.10	9.20	9.15	9.20	9.55	9.65	9.75	9.85
1978	9.90	9.90	9.85	9.85	9.85	9.85	9.80	10.20	10.40	10.90	11.30	11.60
1979	11.60	11.80	11.50	11.40	11.30	11.30	11.30	11.60	11.90	12.20	12.60	12.40
1980	12.40	12.30	12.30	12.20	12.10	12.20	12.00	12.10	12.70	13.00	13.30	13.50
1981	13.40	13.40	13.20	13.00	12.90	12.70	12.70	12.80	13.00	13.40	13.40	13.60
1982	13.50	13.30	13.00	12.80	12.60	12.40	12.20	12.50	12.70	13.20	13.40	13.50
						MILK, FLUID (Dollars per Cwt.) 1/						
1950	4.90	4.85	4.55	4.25	4.15	4.15	4.20	4.60	4.80	5.05	5.15	5.20
1960	4.75	4.70	4.60	4.50	4.35	4.30	4.30	4.45	4.70	4.75	4.85	4.85
1970	6.10	5.90	5.75	5.90	5.75	5.60	5.60	5.70	5.95	6.05	6.25	6.25
1975	8.55	8.30	8.20	8.20	8.05	7.95	8.10	8.40	8.85	9.30	9.50	10.80
1976	10.20	9.85	9.95	9.40	9.40	9.10	9.25	9.55	9.55	9.80	9.85	9.65
1977	9.50	9.30	9.30	9.30	9.20	9.30	9.30	9.40	9.75	9.85	10.00	10.00
1978	10.10	10.10	10.00	10.00	10.00	10.00	9.90	10.30	10.50	11.10	11.50	11.80
1979	11.80	12.00	11.60	11.50	11.30	11.30	11.30	11.70	12.00	12.40	12.80	12.70
1980	12.70	12.50	12.50	12.40	12.30	12.40	12.20	12.40	12.90	13.30	13.60	13.90
1981	13.80	13.80	13.60	13.40	13.20	13.00	13.00	13.10	13.20	13.60	13.60	13.80
1982	13.70	13.60	13.30	13.20	12.90	12.80	12.70	12.80	13.00	13.40	13.60	13.70
						MILK, MFG. (Dollars per Cwt.) 1/						
1950	3.25	3.15	3.00	2.90	2.75	2.75	2.75	2.85	2.90	3.05	3.15	3.25
1960	3.25	3.15	3.05	3.00	2.95	2.90	2.85	2.95	3.10	3.20	3.25	3.35
1970	4.70	4.65	4.60	4.50	4.45	4.40	4.35	4.40	4.55	4.65	4.75	4.80
1975	7.40	7.45	7.65	7.65	7.75	7.65	7.85	8.05	8.40	8.90	9.05	9.30
1976	9.00	8.80	8.95	8.90	8.90	8.85	9.05	9.15	9.00	9.00	8.85	9.00
1977	8.85	8.70	8.90	8.85	8.80	8.75	8.65	8.70	8.90	9.05	9.15	9.40
1978	9.40	9.40	9.45	9.50	9.45	9.50	9.55	9.85	10.10	10.40	10.70	10.90
1979	11.00	11.20	11.20	11.30	11.20	11.20	11.20	11.40	11.50	11.70	12.00	11.80
1980	11.80	11.70	11.70	11.70	11.60	11.70	11.40	11.50	12.20	12.40	12.50	12.60
1981	12.50	12.50	12.30	12.30	12.20	12.20	12.10	12.30	12.70	13.00	13.00	13.10
1982	13.00	12.80	12.50	12.10	12.00	11.70	11.20	11.80	12.20	12.80	12.90	13.00

1/ Average for the month.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						SHEEP (Dollars per Cwt.) 1/						
1950	8.60	8.60	9.50	9.50	9.00	8.50	9.00	9.00	11.00	11.50	12.00	12.50
1960	6.50	7.00	7.00	7.00	6.50	6.50	5.50	5.00	4.50	4.80	4.50	5.00
1970	7.60	7.60	7.70	8.20	7.50	8.30	8.50	8.00	7.50	6.50	6.00	6.00
1975	9.30	8.50	10.80	11.00	11.80	9.60	9.60	10.70	10.20	9.80	9.40	10.30
1976	10.30	11.50	10.50	11.90	13.10	11.60	10.70	11.30	11.00	9.90	10.20	9.80
1977	11.00	10.10	10.50	10.00	10.30	10.00	10.30	10.20	11.00	11.00	12.90	11.50
1978	11.60	13.80	16.40	15.40	14.80	14.30	14.90	15.70	16.00	17.70	18.10	18.20
1979	19.60	19.40	20.90	23.50	21.60	18.90	16.80	17.80	19.50	16.90	15.70	17.50
1980	17.80	16.40	21.90	16.90	14.60	15.50	16.60	16.30	15.90	14.90	15.10	14.40
1981	20.00	21.20	22.60	18.40	15.80	19.20	17.00	16.20	15.20	16.90	18.40	14.20
1982	18.50	23.20	23.80	21.30	16.80	22.30	17.80	16.40	15.00	14.60	14.30	14.60
						LAMBS (Dollars per Cwt.) 1/						
1950	21.30	22.00	22.40	23.00	23.30	24.00	24.00	24.00	25.50	25.50	26.70	27.00
1960	17.80	18.30	20.00	20.00	20.00	19.50	17.80	16.70	16.10	15.20	15.20	16.20
1970	28.00	27.50	27.00	26.00	25.50	26.00	26.00	26.20	25.80	25.00	23.30	21.50
1975	32.70	35.70	36.90	39.10	40.50	43.40	42.70	39.70	40.20	41.80	44.80	45.40
1976	46.40	45.90	46.10	49.20	52.70	49.60	45.50	41.60	42.00	43.70	41.00	41.70
1977	44.80	45.80	45.80	45.30	46.60	49.90	50.00	49.70	50.60	51.80	49.50	53.90
1978	57.70	58.70	61.00	59.10	59.10	59.10	56.40	57.00	62.20	61.00	59.60	60.60
1979	64.20	65.40	61.50	63.10	63.50	61.40	59.90	57.30	67.40	65.50	63.70	62.40
1980	63.20	59.10	60.70	55.00	51.60	63.10	64.10	63.00	66.20	66.60	56.80	53.80
1981	50.00	54.20	57.10	58.00	60.10	63.00	61.10	52.30	48.30	46.90	41.20	46.00
1982	48.50	49.10	52.60	55.60	59.70	59.90	50.60	48.70	48.80	46.40	43.60	47.00
						WOOL (Cents per Pound) 2/						
1950	51	51	54	54	54	57	59	61	63	66	72	80
1960	44	47	42	44	44	44	39	40	36	35	37	37
1970	40	35	36	36	34	37	36	33	35	32	29	26
1975	42	39	36	40	45	43	47	45	51	56	55	45
1976	--	68	59	66	63	64	67	68	--	62	68	66
1977	74	69	68	66	63	63	59	65	56	59	64	67
1978	61	63	67	72	69	69	69	71	67	71	76	71
1979	71	71	79	87	87	90	86	90	86	88	88	93
1980	--	84	98	90	80	83	87	98	98	93	94	96
1981	84	94	96	94	92	91	92	91	94	94	86	90
1982	72	79	74	80	76	66	77	66	70	58	54	57

1/ Mid-month average price through 1979. Prices after 1979 are revised full month prices. 2/ Average for the month.

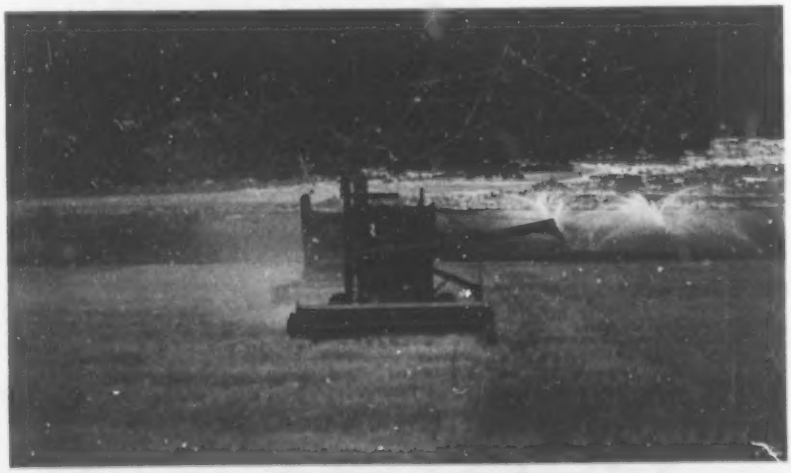
COUNTY ESTIMATES

A major shortfall of our agricultural statistics program has been the lack of information at the county level. Federal funding is provided for state and national estimates, but for smaller geographic areas, funds must come from sources within the state. Utah is about the only remaining state where some county estimates program is not provided.

Until 1980, the only source of county figures has been the five-year Census of Agriculture. Naturally, the problem with the census is its timeliness. The information is usually two years old before it is published and is seven years old before the next publication. If the census happened to be taken in a particularly good or particularly bad year, the levels may not be a good indication of inter-census years. The census also fails to keep up with changes that are occurring in agriculture. Since the 1974 Census was taken, we have passed through at least two hog cycles, a major cattle cycle, and sugarbeet acreage has dropped to nearly zero in the state.

For some time, the Crop and Livestock Reporting Service has made county estimates of wheat, corn and barley for use in some special federal programs. On our own, we have added estimates for cattle, dairy cows, and alfalfa hay. We have been reluctant to publish these data, since they are based on very small samples and are not as reliable as we would like. However, since we have made the estimates available to an increasing number of people on a request basis, we felt it only fair to publish them for the use of everyone.

In the long run, we hope to improve the estimates we are now making and to expand our program into other areas. The success or failure of our plans will depend largely on the support we can find within the state. If you think the program should be expanded and improved, write your state legislator, your farm organization, the State Department of Agriculture, or the Crop and Livestock Reporting Service and let your feelings be known.



All Wheat County Estimates - 1982.

County	Acres Planted	Acres Harvested For Grain	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder.....	102,100	99,800	35.7	3,565,200
Cache.....	29,200	28,500	42.1	1,198,600
Davis.....	7,200	7,000	68.9	482,100
Morgan.....	700	700	51.6	36,100
Rich.....	6,800	6,600	25.7	169,700
Salt Lake.....	9,900	9,500	34.0	322,800
Tooele.....	2,400	2,400	25.3	60,600
Weber.....	3,300	3,200	64.3	205,700
Juab.....	15,700	15,200	24.7	374,800
Millard.....	21,600	21,300	37.5	798,600
Sanpete.....	3,900	3,500	61.8	216,200
Sevier.....	600	600	72.5	43,500
Utah.....	19,900	19,400	31.5	610,300
Carbon.....	500	500	72.0	36,000
Daggett.....	*	*	*	*
Duchesne.....	1,100	900	58.0	52,200
Emery.....	1,400	1,200	56.9	68,300
Grand.....	*	*	*	*
San Juan.....	40,200	37,900	25.5	968,000
Summit.....	600	600	42.7	25,600
Uintah.....	1,600	1,500	45.9	68,800
Wasatch.....	*	*	*	*
Beaver.....	*	*	*	*
Garfield.....	*	*	*	*
Iron.....	1,300	1,200	48.6	58,300
Kane.....	700	700	60.9	42,600
Piute.....	*	*	*	*
Washington.....	3,200	2,700	38.6	104,200
Wayne.....	*	*	*	*
Other Counties....	1,100	1,100	58.0	63,800
State.....	275,000	266,000	36.0	9,572,000

*Less than 500 acres planted.

Barley County Estimates - 1982.

County	Planted Acres	Harvested Acres	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder.....	29,900	28,300	82.6	2,338,600
Cache.....	31,500	30,100	69.8	2,101,400
Davis.....	2,800	2,700	90.4	244,000
Morgan.....	1,600	1,500	92.1	138,100
Rich.....	3,200	3,100	76.0	235,500
Salt Lake.....	2,100	2,000	86.9	173,800
Tooele.....	3,100	2,900	66.1	191,700
Weber.....	4,400	4,300	82.9	356,600
Juab.....	4,000	3,800	77.7	295,100
Millard.....	28,100	25,200	89.7	2,261,500
Sanpete.....	9,800	9,100	86.2	784,300
Sevier.....	9,600	9,400	89.1	838,000
Utah.....	15,400	14,900	92.2	1,373,100
Carbon.....	*	*	*	*
Daggett.....	*	*	*	*
Duchesne.....	3,000	2,800	75.8	212,200
Emery.....	800	800	65.4	52,300
Grand.....	*	*	*	*
San Juan.....	*	*	*	*
Summit.....	800	700	74.6	52,200
Uintah.....	1,900	1,800	77.8	140,000
Wasatch.....	1,800	1,800	88.4	159,200
Beaver.....	2,000	1,800	80.0	144,000
Garfield.....	500	400	70.0	28,000
Iron.....	7,600	7,000	83.5	584,800
Kane.....	*	*	*	*
Piute.....	600	500	80.0	40,000
Washington.....	3,000	2,800	72.3	202,300
Wayne.....	2,300	2,100	86.0	180,600
Other Counties....	1,200	1,200	62.3	74,700
State.....	171,000	161,000	82.0	13,202,000

*Less than 500 acres planted.

Corn for Grain - 1982.

County	Acres Planted	Acres Harvested For Grain	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder	4,900	4,600	130.0	598,000
Cache	*	*	*	*
Davis	1,300	800	114.0	91,200
Morgan	*	*	*	*
Rich	*	*	*	*
Salt Lake	*	*	*	*
Tooele	*	*	*	*
Weber	500	400	135.0	54,000
Juab	*	*	*	*
Millard	1,500	1,400	110.0	154,000
Sanpete	*	*	*	*
Sevier	*	*	*	*
Utah	6,000	5,800	116.0	672,800
Carbon	*	*	*	*
Daggett	*	*	*	*
Duchesne	1,000	900	113.0	101,700
Emery	*	*	*	*
Grand	*	*	*	*
San Juan	*	*	*	*
Summit	*	*	*	*
Uintah	1,300	1,200	82.0	98,400
Wasatch	*	*	*	*
Beaver	*	*	*	*
Garfield	*	*	*	*
Iron	*	*	*	*
Kane	*	*	*	*
Piute	*	*	*	*
Washington	*	*	*	*
Wayne	*	*	*	*
Other Counties	2,500	1,900	124.2	235,900
State	19,000	17,000	118.0	2,006,000

*Less than 500 acres planted.

Corn for Silage - 1982.

County	Acres Harvested For Silage	Yield Per Acre	Production
		Tons	Tons
Box Elder	10,400	21.0	218,400
Cache	8,700	20.0	174,000
Davis	3,500	21.0	73,500
Morgan	*	*	*
Rich	*	*	*
Salt Lake	700	20.0	14,000
Tooele	500	21.0	10,500
Weber	6,000	22.0	132,000
Juab	800	18.0	14,400
Millard	4,000	21.0	84,000
Sanpete	3,900	20.0	78,000
Sevier	6,200	21.0	130,200
Utah	12,000	20.0	240,000
Carbon	800	19.0	15,200
Daggett	*	*	*
Duchesne	3,400	17.0	57,800
Emery	1,100	15.0	16,500
Grand	*	*	*
San Juan	*	*	*
Summit	*	*	*
Uintah	3,000	16.0	48,000
Wasatch	*	*	*
Beaver	1,600	18.0	28,800
Garfield	*	*	*
Iron	1,100	20.0	22,000
Kane	*	*	*
Piute	500	17.0	8,500
Washington	*	*	*
Wayne	*	*	*
Other Counties	800	17.8	14,200
State	69,000	20.0	1,380,000

*Less than 500 acres harvested.

Alfalfa Hay County Estimates - 1982 1/.

County	Acres Harvested	Yield Per Acre	Production
		Tons	Tons
Box Elder	43,700	4.10	179,300
Cache	51,400	3.76	193,200
Davis	8,000	4.01	32,100
Morgan	6,400	3.17	20,300
Rich	9,500	2.96	28,100
Salt Lake	8,800	4.35	38,300
Tooele	14,400	3.91	56,300
Weber	13,000	4.11	53,400
Juab	11,300	3.81	43,100
Millard	51,300	4.50	230,900
Sanpete	33,100	4.25	140,800
Sevier	21,400	4.60	98,400
Utah	27,000	4.36	117,800
Carbon	4,900	4.22	20,700
Daggett	1,400	2.21	3,100
Duchesne	23,200	3.44	79,800
Emery	11,500	3.35	38,500
Grand	2,100	3.67	7,700
San Juan	3,800	3.16	12,000
Summit	9,900	2.77	27,400
Uintah	20,900	3.57	74,700
Wasatch	8,800	4.33	38,100
Beaver	20,900	4.30	89,900
Garfield	9,900	3.36	33,300
Iron	31,600	4.43	140,000
Kane	2,000	3.95	7,900
Piute	7,000	3.71	26,000
Washington	4,200	4.64	19,500
Wayne	8,600	3.42	29,400
State	470,000	4.00	1,880,000

1/ Not an official USDA estimate. Derived by factoring State totals back to counties using 1978 Census percents with consideration given to reports from County Agents.

Cattle County Estimates, January 1, 1983 1/.

County	Beef Cows	Milk Cows	All Cows	All Cattle
	Number	Number	Number	Number
Box Elder	35,500	10,500	46,000	104,000
Cache	10,000	22,000	32,000	69,000
Davis	8,500	2,400	10,900	26,000
Morgan	3,500	1,400	4,900	9,500
Rich	26,000	2/	3/26,000	47,000
Salt Lake	6,000	2,500	8,500	18,000
Tooele	12,500	2/	3/12,500	21,000
Weber	7,000	7,300	14,300	35,000
Juab	9,500	2/	3/9,500	18,000
Millard	32,500	4,100	36,600	87,000
Sanpete	19,500	6,400	25,900	46,500
Sevier	18,000	2,500	20,500	58,000
Utah	22,500	8,800	31,300	68,000
Carbon	7,500	2/	3/7,500	13,000
Daggett	2,500	2/	3/2,500	4,500
Duchesne	29,000	3,300	32,300	52,500
Emery	14,000	600	14,600	27,000
Grand	4,000	2/	3/4,000	9,000
San Juan	16,000	2/	3/16,000	29,000
Summit	5,500	2,500	8,000	13,500
Uintah	22,000	800	22,800	46,000
Wasatch	3,500	2,400	5,900	11,500
Beaver	10,500	3,400	13,900	29,000
Garfield	10,000	2/	3/10,000	19,000
Iron	10,500	500	11,000	24,000
Kane	7,000	2/	3/7,000	13,000
Piute	4,500	1,000	5,500	12,000
Washington	10,500	2/	3/10,500	23,000
Wayne	8,000	600	8,600	17,000
Counties with less than 500 milk cows		1,000	1,000	
State	376,000	84,000	460,000	950,000

1/ Not an official USDA estimate. Derived by factoring State totals back to counties using 1978 Census percents with consideration given to reports from County Agents. 2/ Included in total of counties with less than 500 milk cows. 3/ Milk cows excluded from County total, but included in total of counties with less than 500 milk cows.

WEATHER

As has been typical of the last decade or two, weather conditions during the calendar year 1982 were very variable. These variable conditions had a marked influence on the timing and development of agricultural crops and their total production.

Precipitation Pattern

During the first six months of the year, monthly precipitation accumulations alternated from above normal during the first month, to below normal the second month, and back to above normal the third month. Except for the month of May, which recorded a rather variable precipitation picture, this pattern held through June.

The last six months of the year, except for a few scattered locations, were all above normal. September was the wettest September of record at many stations in the state, and the wettest month of record at some stations, especially in the northwestern portion of the state--between 1/4 and 1/2 of the days of the month recorded precipitation of a tenth of an inch or more during each 24-hour period. This extremely wet period, coming at the time when many crops were ready for harvest, created serious problems for such crops as onions, potatoes, tomatoes, corn, etc. The conditions were too wet for onions to properly cure, and it was impossible to get into some fields for harvesting corn, potatoes, and hay.

Temperature Pattern

Generally below normal temperatures persisted during January and February in all but the Western and Uinta Basin climate divisions. March temperatures climbed to well above normal, except in the Dixie area, which caused early development of fruit crops and early field crops. The pattern changed, however, during April as temperatures dropped to much below normal, and produced a welcome delay in fruit crops. Temperatures during May, June, and July continued the below normal trend which retarded development of most crops. August temperatures climbed to a little above normal, which motivated more rapid growth of most crops, and enabled gardeners to begin harvest of seriously delayed garden crops. Except for the Uinta Basin and Southeastern Divisions, the last four months of the year featured below normal temperatures.

The abnormally cool fall temperatures caused fruit trees to complete their winter rest two to three weeks earlier than normal. These cool temperatures, combined with much above normal moisture, prevented completion of much of the fall field work and caused delays with spring work for the 1983 growing season, in many areas of the state. The record-breaking September precipitation created a record water year moisture accumulation, in many areas of the state, and set the stage for potentially serious runoff problems during the spring and early summer of 1983.

E. Arlo Richardson, State Climatologist; and Dr. Gaylen L. Ashcroft, Assistant State Climatologist.

Mean Monthly Temperature (°F), Utah, 1982.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	25.3	33.4	39.7	44.6	55.7	64.6	71.6	73.9	61.4	46.1	35.7	24.5	48.0
Milford WSO	25.0	30.3	39.2	44.8	54.7	63.6	71.5	73.5	60.8	45.0	35.6	27.6	47.6
Modena	25.6	32.1	M	M	M	61.9	68.4	71.5	61.2	47.2	36.8	M	
Park Valley	21.9	24.7	34.5	39.7	50.6	59.8	67.5	70.9	57.5	43.4	31.4	24.8	43.9
Wendover	M	31.5	42.4	48.4	60.5	70.5	78.2	80.9	63.5	48.3	34.6	28.6	
#Division	27.3	31.2	40.4	45.4	55.7	64.7	72.3	74.8	61.2	46.0	35.3	27.6	48.5
DIXIE													
St. George	37.0	46.0	51.9	60.4	71.1	79.7	84.7	84.7	75.7	60.2	48.3	40.2	61.7
Zion Nat'l Park	37.1	45.1	48.9	54.4	67.5	75.7	81.5	81.2	72.6	57.9	47.1	39.8	59.1
#Division	36.8	44.0	48.9	56.2	66.9	74.8	80.1	80.5	71.5	57.2	45.6	38.4	58.4
NORTH CENTRAL													
Corinne	20.3	22.5	39.3	42.8	53.3	62.5	69.3	71.4	60.7	45.8	35.1	26.4	45.8
Elberta	25.2	29.8	40.5	44.9	55.3	65.5	73.2	76.4	61.9	46.6	35.6	28.6	48.6
Farmington USU	29.1	31.8	41.6	47.1	57.7	67.9	74.5	77.2	M	48.1	37.6	31.1	
Logan USU	23.1	22.7	37.6	41.7	52.7	64.0	69.9	73.3	59.5	45.2	33.1	25.5	45.7
Ogden Pioneer PH	26.8	29.2	40.8	46.5	56.5	67.9	74.0	77.0	62.7	47.5	37.5	29.7	49.7
SLC Airport	29.8	32.3	43.3	46.5	56.7	68.0	75.5	78.4	64.0	48.8	38.1	29.9	50.9
Tooele	30.0	31.7	41.2	45.8	56.7	66.4	72.4	75.7	60.6	46.8	35.9	29.4	49.4
Trenton	21.0	20.1	38.0	40.7	51.3	60.6	66.8	68.9	57.1	44.2	32.7	23.6	43.8
Utah Lake Lehi	22.5	27.8	39.3	44.0	54.4	63.6	70.2	72.3	60.8	45.5	35.8	28.5	47.1
#Division	24.9	27.4	39.6	44.4	54.9	64.7	71.8	74.6	60.9	46.3	35.5	28.0	47.8
SOUTH CENTRAL													
Cedar City FAA	27.9	33.8	41.8	47.3	56.4	65.0	72.1	73.9	62.8	48.8	39.5	29.3	49.9
Fillmore	28.2	33.5	41.1	47.1	55.8	65.8	72.9	74.7	63.0	48.1	37.4	27.8	49.6
Kanab PH	32.8	39.1	44.0	51.0	59.3	68.3	74.5	74.5	66.2	52.7	42.8	36.2	53.5
Levan	22.2	29.4	39.4	44.6	53.9	62.6	70.4	72.8	60.9	46.4	35.2	25.7	47.0
Loa	23.1	26.9	34.8	40.2	49.4	56.3	63.4	64.5	56.0	41.4	31.0	23.6	42.6
Manti	23.6	28.3	38.2	43.8	52.6	61.1	68.3	69.9	59.2	44.9	34.6	25.0	45.8
Nephi	24.3	31.0	40.4	46.7	55.5	64.8	71.9	74.7	61.8	46.7	36.6	26.9	48.4
Panguitch	23.2	27.9	35.2	41.1	50.2	56.6	63.4	65.2	56.7	42.6	32.7	23.3	43.2
Richfield KSVC	26.5	31.1	39.7	45.7	54.2	60.8	69.4	70.7	60.4	45.8	36.1	28.4	47.4
#Division	24.7	30.0	37.9	44.0	53.0	61.0	68.2	69.0	59.3	44.8	34.6	26.4	46.1
NORTHERN MOUNTAINS													
Coalville	22.3	25.5	35.9	39.9	51.3	67.3	65.9	67.1	55.8	42.7	31.5	24.2	44.1
Heber	19.4	22.2	36.0	40.7	50.9	57.9	65.4	67.2	56.7	43.3	32.0	21.1	42.7
Morgan	23.9	22.5	36.5	42.4	52.1	61.6	67.8	68.8	56.6	44.8	32.3	24.0	44.4
Olmstead PH	25.6	30.5	39.5	45.1	55.5	66.0	73.1	75.5	62.2	47.9	37.0	28.9	48.9
Scofield	14.9	16.2	25.9	30.7	43.6	49.9	56.8	59.2	49.4	36.5	20.2	15.1	34.9
Silver Lk. Brighton	15.8	20.1	24.0	26.6	38.5	47.7	56.0	58.1	46.8	33.3	23.8	21.0	34.3
Woodruff	16.0	15.3	31.5	34.8	46.7	55.0	61.8	63.5	52.5	39.6	25.8	13.9	38.0
#Division	20.4	21.9	32.4	37.6	48.2	56.6	64.0	65.9	54.3	40.9	28.6	21.8	41.1
UINTA BASIN													
Duchesne AP	21.7	26.3	38.6	44.3	55.5	63.1	70.6	71.4	60.2	45.0	30.4	20.5	45.6
Fort Duchesne	17.7	25.2	39.1	43.6	55.6	63.8	72.6	72.5	60.5	44.3	32.0	23.2	45.8
Roosevelt	17.6	26.4	39.0	44.8	57.0	64.3	72.2	72.4	60.6	45.0	32.1	22.7	46.2
#Division	18.8	25.7	38.3	43.4	55.3	63.7	71.1	72.0	60.6	44.6	31.7	22.7	45.7
SOUTHEAST													
Blanding	27.8	31.4	39.7	47.0	56.9	66.4	72.2	70.8	62.3	46.6	36.3	30.8	49.0
Ferron	19.5	25.7	38.4	44.1	55.1	63.6	70.3	70.0	61.0	44.7	33.6	26.8	46.1
Green River Avn.	21.8	31.6	44.5	51.3	63.0	70.5	M	M	M	48.9	37.5	31.3	
Hanksville	26.7	30.5	44.7	51.8	63.1	71.4	78.9	77.4	67.1	48.3	36.1	30.1	52.2
Moab 4 NW	34.1	M	49.2	56.0	M	74.0	80.4	81.5	71.5	54.5	42.9	34.9	
Price Warehouse	20.8	28.0	39.6	46.3	56.7	65.8	72.9	73.4	61.9	47.5	35.1	28.5	48.0
#Division	27.2	31.6	42.9	49.6	59.5	68.6	75.7	74.7	65.7	48.9	37.9	31.2	51.1
STATE AVERAGE	25.3	29.4	39.4	45.1	55.2	63.9	71.2	72.4	61.1	45.9	34.9	27.4	47.6

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the state total.
M-Missing data.

Normal Mean Monthly Temperature (°F), Utah, 1951-80.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	26.0	32.8	39.3	47.9	56.9	67.6	76.2	73.4	63.6	51.0	37.3	28.0	50.0
Milford WSO	26.4	32.1	38.2	46.3	55.9	65.8	74.3	72.1	62.6	50.3	36.8	28.2	49.1
Modena	28.7	34.0	38.6	46.2	55.2	64.8	72.4	70.3	62.3	51.0	38.1	30.3	49.3
Park Valley	23.9	29.7	35.6	43.5	53.0	60.9	71.4	68.9	60.4	48.7	35.2	27.0	46.6
Wendover	28.1	34.4	41.4	50.5	60.8	70.4	79.8	76.7	66.0	52.4	38.2	28.8	52.3
#Division	26.8	32.5	38.5	46.5	56.0	65.1	73.8	71.3	62.0	50.1	36.9	28.1	49.0
DIXIE													
St. George	40.3	46.2	51.9	59.8	68.9	78.3	84.9	82.8	75.0	63.3	49.5	40.9	61.8
Zion Nat'l Park	40.1	45.0	49.3	57.4	67.0	77.3	84.2	81.8	75.1	64.1	49.9	41.5	61.1
#Division	39.6	45.1	50.1	57.8	66.8	76.3	83.2	81.0	73.8	62.5	48.9	40.6	60.5
NORTH CENTRAL													
Corinne													
Elberta	27.6	33.0	39.9	48.2	57.5	66.8	75.1	72.6	63.5	51.5	38.7	29.2	50.3
Farmington USU	29.1	34.3	40.6	49.0	58.5	67.2	75.7	73.4	63.9	52.6	39.5	30.6	51.2
Logan USU	24.7	29.0	36.2	46.0	55.9	64.0	73.0	71.1	61.8	50.6	36.7	27.2	48.0
Ogden Pioneer PH	28.6	33.6	40.0	49.0	59.0	68.0	77.0	74.3	64.8	53.1	39.4	30.5	51.4
SLC Airport	28.6	34.1	40.7	49.2	58.8	68.3	77.5	74.9	65.0	53.0	39.7	30.3	51.7
Tooele	29.5	33.9	39.6	48.0	57.7	67.0	75.8	73.0	63.9	51.8	38.8	30.7	50.8
Trenton	21.1	26.2	33.8	44.4	54.0	61.4	69.2	67.0	59.6	48.4	35.7	24.5	45.5
Utah Lake Lehi	26.2	31.5	38.3	46.8	56.3	64.8	72.6	70.3	61.1	49.8	37.0	28.4	48.6
#Division	26.8	31.7	38.5	47.4	57.0	65.7	74.3	72.0	62.7	51.3	37.8	28.7	49.5
SOUTH CENTRAL													
Cedar City FAA	29.6	34.2	39.2	47.0	56.3	66.3	74.0	71.8	63.5	52.0	39.1	31.1	50.3
Fillmore	29.1	34.5	40.5	48.4	57.7	67.4	75.9	73.6	65.0	53.0	39.3	30.4	51.2
Kanab PH	35.1	39.7	44.0	51.5	60.0	69.3	75.9	73.7	67.2	57.1	44.8	36.8	54.6
Levan	26.3	31.6	38.3	46.5	55.9	65.2	73.6	71.2	62.6	51.4	37.9	28.3	49.1
Loa	23.6	27.8	32.9	40.8	50.0	58.4	64.8	62.4	55.0	45.1	32.7	24.9	43.2
Manti	26.1	30.6	37.4	45.6	54.6	63.3	70.6	68.5	60.3	49.9	36.7	27.8	47.6
Nephi	28.9	33.4	39.4	47.7	57.2	67.0	76.0	73.5	64.4	52.9	39.5	30.7	50.9
Panguitch	24.2	28.1	33.9	41.9	50.3	42.2	65.5	63.2	56.0	46.6	34.1	25.3	43.9
Richfield KSVC	28.0	32.9	38.9	46.3	55.0	63.5	70.8	68.8	60.4	49.9	37.5	29.4	48.5
#Division	27.2	31.7	37.3	45.2	54.3	63.5	71.1	68.7	60.8	50.2	37.3	28.9	48.0
NORTHERN MOUNTAINS													
Coalville	24.4	28.3	34.5	43.2	51.3	57.3	65.6	63.9	56.4	46.9	35.2	26.1	44.5
Heber	21.8	26.3	33.9	42.9	51.8	59.4	67.4	65.4	57.2	47.4	34.2	24.8	44.4
Morgan	23.5	28.1	35.3	44.3	53.5	61.6	69.2	67.0	58.2	48.0	34.6	25.9	45.8
Olmstead PH	30.1	32.6	39.4	47.9	56.7	65.9	76.1	73.1	64.1	53.4	39.9	30.7	50.8
Scofield	16.1	21.3	26.4	34.8	45.0	52.4	59.0	57.1	50.1	41.3	28.4	18.3	37.5
Silver Lk. Brighton	19.0	21.0	24.0	31.6	40.9	50.1	58.2	56.2	48.7	39.1	27.0	20.8	36.4
Woodruff	15.8	18.9	26.9	38.1	47.5	55.4	62.6	60.3	51.8	41.5	28.2	18.6	38.8
#Division	21.6	25.3	31.6	40.9	50.3	58.5	66.4	64.2	56.0	45.9	32.9	24.2	43.2
UINTA BASIN													
Duchesne AP	19.0	25.5	35.4	45.7	55.9	64.2	71.2	68.7	60.0	48.3	33.4	22.2	45.7
Fort Duchesne	14.8	22.0	34.6	45.3	55.8	64.4	71.5	68.7	59.4	47.6	32.7	19.5	44.7
Roosevelt	17.3	24.6	36.8	47.4	57.6	66.2	73.4	70.6	61.6	49.7	34.4	21.5	46.8
#Division	16.2	23.6	35.4	46.2	56.3	64.7	71.9	69.2	60.1	48.2	33.2	20.7	45.5
SOUTHEAST													
Blanding	27.3	33.0	38.9	47.1	56.9	66.9	73.5	70.8	63.1	51.8	38.4	29.5	49.8
Ferron	22.8	29.0	36.4	46.1	56.0	65.6	72.6	69.6	61.6	50.7	36.2	26.0	47.7
Green River Avn.	23.1	32.6	42.1	51.7	61.6	70.7	78.0	75.2	65.4	52.9	38.3	26.9	51.5
Hanksville	25.6	34.1	42.9	52.4	62.9	72.8	80.0	77.0	67.4	54.4	39.0	28.2	53.1
Moab 4 NW	30.2	38.0	47.0	56.4	66.1	75.2	82.1	79.5	70.5	58.0	43.5	32.9	56.6
Price Warehouse	24.4	30.7	38.1	47.1	58.6	66.8	74.3	71.6	63.4	52.1	37.7	27.4	49.4
#Division	26.6	33.8	41.3	50.5	60.5	70.0	76.9	74.2	65.7	53.9	39.5	29.1	51.8
STATE AVERAGE	25.6	31.3	38.0	46.7	56.3	65.3	73.1	70.6	62.0	50.7	37.1	27.7	48.7

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Total Precipitation (inches), Utah, 1982.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	.56	.17	.34	.01	.70	.04	1.63	1.73	4.18	1.85	.35	1.09	12.65
Milford WSO	.60	.20	1.29	.40	.57	1.38	.68	1.88	3.64	1.23	.94	.81	13.62
Modena	.63	.70	M	M	M	.53	.67	1.29	3.91	2.62	.86	.99	
Park Valley	1.06	.83	2.12	.48	1.62	1.07	.73	1.01	4.02	1.09	1.27	1.33	16.63
Wendover	M	0.00	.51	.09	.98	.04	.53	.36	3.37	.23	.71	.14	
#Division	.51	.44	1.07	.36	1.26	.58	1.16	1.07	4.16	1.30	.67	.82	13.40
DIXIE													
St. George	1.19	.78	1.52	.16	.11	.14	.24	1.97	1.04	.19	2.44	1.37	11.15
Zion Nat'l Park	2.21	1.01	3.18	.29	.25	.03	1.21	2.57	3.00	.68	3.52	2.72	20.67
#Division	1.98	.74	2.82	.34	.21	.22	.89	3.20	1.99	.50	2.67	2.29	17.85
NORTH CENTRAL													
Corinne	M	.65	4.25	1.11	1.62	.64	2.17	.38	6.28	2.53	2.08	2.23	
Elberta	1.12	.33	1.12	.41	1.66	.57	3.67	.38	5.30	1.46	.73	.67	17.42
Farmington USU	1.64	1.65	4.25	2.42	2.20	.94	1.62	1.21	M	2.48	1.38	2.18	
Logan USU	1.89	1.46	4.44	2.59	1.99	.82	2.16	.57	5.76	2.46	2.09	2.19	28.42
Ogden Pioneer PH	1.85	1.57	5.48	1.41	1.70	1.85	1.84	.95	7.37	2.99	2.40	1.97	31.38
SLC Airport	1.08	.53	2.39	1.63	1.86	.66	2.57	.56	7.04	1.87	.75	1.92	22.86
Tooele	1.15	.63	2.39	2.26	2.50	.58	1.64	.54	8.06	2.45	1.04	2.13	25.37
Trenton	1.40	1.46	4.99	2.60	2.40	1.29	1.22	.49	4.04	2.47	2.27	1.52	26.15
Utah Lake Lehi	.85	.37	1.57	.41	1.04	.36	1.00	.25	5.63	1.88	1.24	.81	15.41
#Division	1.64	1.11	3.50	1.37	1.79	.73	2.05	.75	5.75	2.37	1.64	1.94	24.64
SOUTH CENTRAL													
Cedar City FAA	2.62	.78	2.07	.35	.73	.29	1.54	1.33	1.93	1.20	1.48	1.19	15.51
Fillmore	1.64	.74	2.86	.72	1.46	.32	1.87	.85	5.05	2.97	1.07	1.72	21.27
Kanab PH	1.61	.85	2.66	.38	.52	T	.24	3.39	2.57	.72	2.90	2.13	17.97
Levan	1.34	.55	2.21	.27	1.59	.42	1.13	1.20	6.25	2.32	.95	1.59	19.82
Loa	.41	.25	.31	T	.35	.96	1.06	2.15	2.66	.15	.42	.36	9.08
Manti	1.98	.45	2.29	.16	1.25	1.52	1.15	.42	6.01	1.52	1.27	1.47	19.49
Nephi	1.95	.69	3.07	.25	1.57	1.27	1.47	.64	6.02	1.80	1.64	1.86	22.23
Panguitch	.71	.45	1.70	.17	.58	.29	1.04	1.08	1.51	.23	1.21	.92	9.89
Richfield KSVC	.89	.53	1.07	.05	.81	1.41	1.66	1.53	1.67	1.19	1.00	.73	12.54
#Division	1.61	.59	1.75	.28	.84	.47	1.20	1.83	3.17	1.12	1.58	1.52	15.96
NORTHERN MOUNTAINS													
Coalville	2.10	.63	2.72	1.90	1.74	.33	1.01	.20	6.13	1.51	1.36	1.02	20.65
Heber	2.80	1.32	2.66	1.34	1.39	.22	1.08	.49	5.55	1.67	2.92	1.14	22.58
Morgan	2.14	1.19	3.48	2.32	1.00	.55	2.14	.30	7.13	1.34	1.80	1.24	24.63
Olmstead PH	2.13	1.37	3.19	1.06	2.15	.64	.92	.63	9.14	3.08	2.40	1.50	28.21
Scofield	3.45	.80	2.80	1.03	.59	.66	1.46	1.94	4.38	1.46	2.81	1.22	22.60
Silver Lk Brighton	7.00	4.13	11.47	5.03	1.83	1.25	3.22	1.78	8.39	5.13	6.61	6.05	61.89
Woodruff	.67	.42	.96	1.77	.92	.40	1.42	.49	4.39	.44	1.09	.70	13.67
#Division	2.92	1.42	3.64	2.03	1.44	.72	1.83	.88	6.23	2.01	2.28	2.10	27.50
UINTA BASIN													
Duchesne AP	.88	.16	1.09	.21	1.05	.40	1.57	.75	3.89	.24	1.10	.68	12.02
Fort Duchesne	.61	T	.79	.16	1.08	T	.63	.34	2.86	.60	.53	.29	7.89
Roosevelt	.69	.08	.95	.12	.96	.02	.17	1.60	2.44	.87	1.01	.24	9.15
#Division	.64	.12	1.09	.13	.84	.13	.77	1.12	2.87	.80	.99	.61	10.11
SOUTHEAST													
Blanding	.76	.78	.98	.17	.96	.09	1.60	2.95	2.61	1.09	1.73	1.00	14.72
Ferron	1.63	.16	.85	0.00	.10	.27	1.37	1.18	1.33	.52	.68	1.34	9.43
Green River Avn.	.91	.03	.59	0.00	.50	.11	.19	1.35	1.48	.34	.90	.15	6.55
Hanksville	1.17	.15	.32	.06	.23	.65	.67	.96	1.66	.08	.46	.07	6.48
Moab 4 NW	.25	M	.66	0.00	M	.05	.43	1.85	1.52	.18	.64	.75	
Price Warehouse	.88	.17	1.43	0.00	.80	.21	.65	1.18	3.06	.29	1.78	1.05	11.50
#Division	.82	.56	.84	.11	.51	.25	.79	2.12	1.94	.53	1.25	.91	10.63
STATE AVERAGE	1.23	.66	1.69	.56	1.01	.47	1.20	1.46	3.69	1.20	1.32	1.24	15.73

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-an amount too small to measure. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the state total. M-Missing Data.

Normal Precipitation (inches), Utah, 1951-80.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	.69	.74	.99	.96	.73	.42	.61	.71	.69	.73	.69	.63	8.59
Modena	.69	.73	.80	.68	.70	.40	1.14	1.21	.80	.87	.73	.49	9.24
Park Valley	1.01	.79	.73	.82	1.44	1.18	.92	1.00	.57	.71	.79	.74	10.70
Wendover	.34	.36	.42	.43	.85	.61	.25	.42	.23	.47	.38	.30	5.06
#Division	.59	.57	.74	.81	.92	.67	.63	.72	.55	.65	.62	.54	8.01
DIXIE													
St. George	1.04	.90	.98	.47	.49	.21	.62	.65	.52	.56	.75	.72	7.91
Zion Nat'l Park	1.76	1.71	1.78	1.12	.80	.60	.98	1.59	.88	.90	1.20	1.26	14.58
#Division	1.35	1.36	1.42	.83	.66	.36	.78	1.01	.76	.78	.99	.96	11.26
NORTH CENTRAL													
Corinne	1.78	1.52	1.36	1.73	1.66	1.42	.48	.80	1.04	1.18	1.39	1.50	15.86
Elberta	.90	.80	.93	1.06	.98	.73	.65	1.04	.68	.85	.90	.94	10.46
Farmington USU	2.11	1.89	2.03	2.94	2.22	1.36	.58	1.08	1.11	1.52	1.71	1.77	20.32
Logan USU	1.68	1.57	1.75	2.06	1.71	1.53	.45	.96	1.06	1.43	1.53	1.63	17.36
Ogden Pioneer PH	2.36	1.90	2.05	2.52	2.14	1.58	.65	.98	1.20	1.58	1.73	1.89	20.58
SLC Airport	1.35	1.33	1.72	2.21	1.47	.97	.72	.92	.89	1.14	1.22	1.37	15.31
Tooele	1.22	1.32	1.94	2.38	1.58	1.06	.75	.86	.92	1.36	1.43	1.42	16.24
Trenton	1.74	1.41	1.54	1.83	1.78	1.55	.55	.96	1.02	1.31	1.34	1.40	16.43
Utah Lake Lehi	.95	.76	1.09	1.25	.98	.71	.61	.88	.74	.92	.89	.88	10.66
#Division	1.54	1.39	1.60	1.95	1.60	1.19	.65	.95	.99	1.31	1.35	1.41	15.93
SOUTH CENTRAL													
Cedar City FAA	.64	.80	1.06	.98	.82	.45	1.10	1.17	.90	.78	.91	.65	10.26
Fillmore	1.45	1.52	1.79	1.75	1.26	.68	.63	.78	.93	1.07	1.31	1.34	14.51
Kanab PH	1.75	1.25	1.41	.82	.68	.38	.87	1.37	.79	.90	1.11	1.24	12.57
Levan	1.31	1.32	1.52	1.66	1.33	.76	.68	.91	1.05	1.09	1.24	1.37	14.24
Loa	.39	.27	.34	.42	.69	.39	1.10	1.21	.87	.63	.42	.34	7.07
Manti	1.13	1.20	1.28	1.40	1.16	.69	.67	.89	1.08	.99	1.05	.99	12.53
Nephi	1.30	1.27	1.46	1.48	1.22	.76	.63	.95	.88	1.07	1.22	1.26	13.50
Panguitch	.54	.65	.66	.60	.80	.58	1.46	1.56	1.10	.68	.74	.52	9.89
Richfield KSVC	.63	.62	.63	.71	.73	.41	.81	.69	.80	.64	.59	.56	7.82
#Division	1.08	1.05	1.16	1.04	.09	.54	.96	1.30	1.00	.92	.98	.97	11.09
NORTHERN MOUNTAINS													
Coalville	1.28	1.10	1.35	1.83	1.58	1.12	.83	.95	1.03	1.27	1.35	1.35	15.04
Heber	2.09	1.52	1.27	1.32	1.18	.93	.65	.92	.92	1.29	1.50	1.73	15.32
Morgan	1.91	1.73	1.76	2.19	1.76	1.30	.52	.97	1.04	1.50	1.64	1.75	18.07
Olmstead PH	2.44	1.89	1.95	2.08	2.22	1.36	.48	1.06	1.10	1.10	1.74	2.20	19.62
Scofield	2.77	2.52	2.43	1.78	1.45	.93	.95	1.46	1.27	1.31	1.53	1.89	20.29
Silver Lk. Brighton	5.56	4.96	5.26	4.44	2.83	1.76	1.28	1.90	1.96	2.94	4.30	5.02	42.21
Woodruff	.51	.48	.59	.88	.89	1.12	.72	.74	.79	.82	.62	.58	8.74
#Division	2.18	1.93	1.89	1.88	1.55	1.17	.88	1.23	1.15	1.45	1.62	1.99	18.92
UINTA BASIN													
Duchesne AP	.41	.49	.55	.70	.83	.92	.64	1.07	.92	.94	.48	.66	8.61
Fort Duchesne	.44	.34	.50	.60	.62	.69	.52	.73	.61	.78	.47	.52	6.82
Roosevelt	.54	.42	.56	.63	.63	.71	.40	.73	.66	.83	.50	.60	7.21
#Division	.52	.45	.58	.68	.78	.72	.58	.81	.71	.87	.54	.61	7.85
SOUTHEAST													
Blanding	1.34	.95	.80	.67	.59	.37	1.04	1.41	.89	1.46	.89	1.29	11.70
Ferron	.66	.60	.55	.47	.78	.51	.85	1.17	.78	.70	.58	.51	8.16
Green River Avn.	.40	.37	.46	.45	.61	.34	.38	.79	.61	.78	.46	.39	6.04
Hanksville	.30	.22	.35	.42	.49	.23	.44	.83	.60	.63	.43	.30	5.24
Moab 4 NW	.57	.52	.67	.91	.68	.37	.52	.83	.66	.94	.66	.67	8.00
Price Warehouse	.73	.76	.72	.50	.72	.70	.85	1.17	.97	1.09	.60	.87	9.68
#Division	.73	.61	.64	.61	.67	.40	.77	1.05	.78	1.08	.73	.74	8.81
STATE AVERAGE	1.01	.92	1.01	1.02	.98	.68	.77	1.02	.83	.98	.90	.94	11.06

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-An amount too small to measure. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Frost Free Period, Utah, 1982 and Normal (1931-60).

Station	1982			Normal		
	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates
WESTERN						
Delta	6-6	10-2	118	5-11	9-30	142
Milford	6-9	9-29	112	5-18	9-26	131
Modena	5-22	9-27	128	5-21	9-28	130
Park Valley	6-6	9-29	115	5-19	9-29	133
Wendover	4-29	10-19	173	4-21	10-23	186
DIXIE						
St. George	4-8	11-4	210	4-1	11-10	223
Zion Nat'l Park	4-20	10-9	172	4-6	11-7	215
NORTH CENTRAL						
Corinne	5-28	10-6	131	5-14	9-28	138
Elberta	6-9	10-6	119	5-14	9-30	140
Farmington USU	5-11	10-6	148	5-4	10-12	161
Logan USU	5-28	10-9	134	5-8	10-13	159
Ogden Pioneer PH	5-11	10-8	150	5-1	10-14	167
SLC Airport	4-22	10-9	170	5-3	10-11	161
Tooele	5-28	10-8	133	4-28	10-24	179
Trenton	6-9	10-2	115	5-31	9-12	104
Utah Lake Lehi	5-11	10-6	148	5-18	9-28	134
SOUTH CENTRAL						
Cedar City FAA	6-6	10-2	118	5-17	9-30	136
Fillmore	6-6	9-30	116	5-4	10-11	160
Kanab PH	5-13	10-9	149	5-6	10-13	160
Levan	6-9	10-2	115	5-16	10-3	140
Loa	6-9	9-14	97	6-22	8-29	68
Manti	6-9	9-29	112	5-24	9-28	128
Nephi	6-6	10-2	118	5-11	10-2	145
Panguitch	7-6	9-12	68	6-19	9-3	76
Richfield KSVC	6-9	9-12	95	5-28	9-18	113
NORTHERN MOUNTAINS						
Coalville	6-10	9-12	94	6-16	8-29	74
Heber	6-10	9-12	94	6-11	9-3	84
Morgan	6-9	9-29	112	6-5	9-8	96
Olmstead PH	5-6	10-6	153	5-23	9-30	130
Scofield	7-7	8-5	29	6-29	8-25	57
Silver Lake Brighton	7-6	9-11	67	7-5	8-27	53
Woodruff	6-18	9-2	76	6-27	8-23	57
UINTA BASIN						
Duchesne AP	6-9	10-2	115	5-28	9-20	115
Fort Duchesne	5-6	10-2	149	5-26	9-16	114
Roosevelt	5-31	10-2	124	5-29	9-15	110
SOUTHEAST						
Blanding	4-24	10-1	160	5-15	10-6	144
Ferron	5-6	9-14	131	5-15	10-6	144
Green River Avn.	4-22	10-6	167	5-1	10-10	163
Hanksville	4-22	10-2	163	4-22	10-20	182
Moab 4 NW	4-22	10-9	170	4-21	10-21	183
Price Warehouse	5-11	10-2	144	5-12	10-5	147

Source: Utah State Department of Agriculture Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Normal Growing Degree Days Base 50, by Months, Utah, 1982.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	0	0	63	201	357	529	664	628	456	262	34	0	3194
Milford WSO	0	0	54	194	370	514	621	602	450	256	36	0	3097
Modena	0	2	83	215	380	515	583	573	460	289	65	0	3165
Park Valley	0	0	3	96	261	396	599	555	366	174	5	0	2455
Wendover	0	0	39	179	368	617	803	755	456	189	8	0	3414
DIXIE													
St. George	65	150	277	398	585	699	815	791	629	464	227	86	5186
Zion Nat'l Park	29	100	210	338	547	707	825	807	674	433	187	56	4913
NORTH CENTRAL													
Corinne	0	0	31	180	355	492	642	605	427	226	18	0	2976
Elberta	0	0	59	202	374	519	660	630	437	245	31	0	3157
Farmington USU	0	0	50	189	361	522	680	648	438	246	30	0	3164
Logan USU	0	0	3	112	285	435	655	615	369	174	4	0	2652
Ogden Pioneer PH	0	0	31	167	342	546	727	687	437	230	23	0	3190
SLC Airport	0	0	39	178	357	553	717	687	449	238	26	0	3244
Tooele	0	0	20	143	305	516	736	678	400	186	12	0	2996
Trenton	0	0	4	124	306	431	550	541	416	224	15	0	2611
Utah Lake Lehi	0	0	27	165	342	476	618	581	403	214	16	0	2842
SOUTH CENTRAL													
Cedar City FAA	0	0	50	179	348	506	657	628	433	257	47	0	3105
Fillmore	0	0	67	198	365	529	682	657	459	267	42	0	3266
Kanab PH	0	48	147	269	428	557	671	656	507	346	137	14	3780
Levan	0	0	43	180	350	494	625	597	440	256	35	0	3020
Loa	0	0	9	115	273	401	487	448	336	187	15	0	2271
Manti	0	0	29	158	319	449	588	548	391	218	20	0	2720
Nephi	0	0	43	181	357	520	663	636	460	275	47	0	3182
Penguitch	0	0	25	156	304	402	520	492	385	239	34	0	2557
Richfield KSVC	0	1	77	204	362	492	569	554	440	277	56	0	3032
NORTHERN MOUNTAINS													
Coalville	0	0	17	144	301	388	524	516	396	236	30	0	2552
Heber	0	0	7	124	297	421	542	523	388	217	15	0	2534
Morgan	0	0	14	145	325	463	557	543	408	225	15	0	2695
Olmstead PH	0	0	37	160	319	493	684	656	437	249	26	0	3061
Scofield	0	0	0	22	180	309	405	381	266	111	0	0	1674
Silver Lk. Brighton	0	0	0	0	67	211	327	301	179	32	0	0	1117
Woodruff	0	0	0	47	214	336	462	441	310	132	0	0	1942
UINTA BASIN													
Duchesne AP	0	0	23	175	356	472	592	552	392	200	9	0	2771
Fort Duchesne	0	0	27	187	368	499	570	551	416	214	10	0	2842
Roosevelt	0	0	42	205	305	511	617	583	428	230	15	0	3016
SOUTHEAST													
Blanding	0	0	40	180	357	514	653	608	415	232	27	0	3026
Green River Avn.	0	6	135	287	461	568	682	644	499	307	61	0	3650
Hanksville	0	10	140	291	476	605	720	687	515	315	63	0	3822
Moab 4 NW	0	26	177	327	522	657	767	736	564	363	107	0	4246
Price Warehouse	0	0	42	201	395	518	654	616	433	250	30	0	3139

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Accumulated Growing Degree Days Base 50, by Months, Utah, 1982.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	6	62	81	185	341	469	584	679	395	164	29	0	2996
Milford WSO	6	54	63	177	336	487	609	670	392	173	26	1	2994
Modena	0	57	M	M	M	459	560	619	M	M	M	M	
Park Valley	0	1	9	72	205	353	548	625	309	90	2	0	2214
Wendover	9	23	55	143	365	606	792	827	469	112	4	1	3406
DIXIE													
St. George	52	163	234	394	621	730	846	869	679	418	157	38	5201
Zion Nat'l Park	36	121	154	305	557	690	801	822	613	352	114	51	4616
NORTH CENTRAL													
Corinne	.	2	29	105	268	428	578	619	366	124	10	0	2529
Elberta	5	43	69	174	349	510	631	715	400	165	27	5	3093
Farmington USU	7	33	60	161	344	542	670	748	M	146	19	2	
Logan USU	0	3	26	93	240	448	602	690	333	99	11	0	2545
Ogden Pioneer PH	7	25	49	145	319	533	692	755	417	142	23	2	3109
SLC Airport	8	37	65	141	313	541	735	794	441	149	24	1	3249
Tooele	11	26	54	139	300	515	663	756	367	114	6	3	2954
Trenton	0	5	34	108	265	415	551	568	330	140	12	0	2428
Utah Lake Lehi	7	21	36	137	319	464	596	650	375	122	12	0	2739
SOUTH CENTRAL													
Cedar City FAA	4	57	70	186	338	492	634	695	432	220	52	0	3180
Fillmore	10	56	69	184	333	514	660	709	436	191	27	0	3189
Kanab PH	18	76	95	239	424	548	659	687	494	286	79	30	3635
Levan	1	30	62	153	293	448	598	660	387	155	21	0	2808
Loa	3	26	28	117	256	375	598	470	312	128	20	1	2334
Manti	4	14	42	143	274	417	498	599	354	147	24	1	2517
Nephi	3	43	81	204	352	498	565	673	402	173	36	1	3031
Panguitch	6	30	39	145	291	409	609	518	346	175	31	2	2601
Richfield KSVC	10	51	74	M	322	441	584	613	391	209	36	8	
NORTHERN MOUNTAINS													
Coalville	2	27	30	116	273	402	528	554	323	131	23	1	2410
Heber	2	4	30	100	242	386	520	551	329	142	20	0	2326
Morgan	0	7	30	130	303	440	553	577	338	175	25	0	2578
Olmstead PH	5	33	41	145	297	505	654	717	408	151	22	9	2987
Scofield	0	0	0	23	136	265	375	402	218	55	3	0	1477
Silver Lk. Brighton	2	6	0	2	57	179	300	331	150	13	0	0	1040
Woodruff	0	1	6	66	204	335	593	503	275	100	8	0	2091
UINTA BASIN													
Duchesne	0	7	63	170	333	463	602	621	382	155	3	0	2799
Fort Duchesne	0	12	48	153	326	471	634	633	377	143	6	0	2803
Roosevelt	0	32	65	178	354	473	636	650	363	133	4	0	2888
SOUTHEAST													
Blanding	2	21	53	173	334	514	645	615	414	177	16	0	2964
Ferron	0	4	51	146	298	456	610	607	390	142	10	0	2714
Green River Avn.	0	52	145	281	463	578	721	M	M	238	40	8	
Hanksville	14	54	153	293	471	590	706	707	501	259	48	5	3801
Moab 4 NW	24	72	166	322	530	637	758	797	596	328	84	8	4322
Price Warehouse	0	9	40	169	326	505	656	676	398	163	11	0	2953

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.
M-Missing data.

Accumulated Growing Degree Days Base 40, by Months, Utah, 1982.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	37	144	209	328	511	641	759	851	576	318	136	9	4519
Milford WSO	43	127	180	325	500	636	782	843	571	320	123	39	4489
Modena	66	130	M	M	M	608	730	795	M	M	M	M	
Park Valley	7	24	70	168	379	586	777	819	520	219	41	2	3612
Wendover	46	89	183	310	621	816	986	1010	704	284	67	8	5124
DIXIE													
St. George	167	285	426	579	810	895	1017	1042	869	602	321	171	7184
Zion Nat'l Park	141	256	335	494	762	855	972	994	809	575	272	155	6620
NORTH CENTRAL													
Corinne	10	33	123	227	443	613	780	794	556	276	84	8	3947
Elberta	28	109	197	323	515	669	814	887	589	317	123	36	4607
Farmington USU	41	103	179	316	553	732	868	919	M	312	101	36	
Logan USU	14	43	110	202	427	681	828	882	560	246	63	17	4073
Ogden Pioneer PH	29	88	165	301	527	732	890	933	525	298	110	37	4735
SLC Airport	33	113	194	298	520	738	932	966	652	325	122	31	4924
Tooele	47	88	170	288	521	732	875	944	592	271	81	37	4646
Trenton	14	52	129	222	427	567	729	731	487	287	75	10	3730
Utah Lake Lehi	23	77	147	281	490	656	787	829	584	277	94	20	4265
SOUTH CENTRAL													
Cedar City FAA	54	137	200	340	527	668	813	885	630	377	170	44	4845
Fillmore	55	133	192	341	524	693	839	886	630	346	127	31	4797
Kanab PH	100	168	247	394	576	690	821	879	695	447	218	117	5352
Levan	19	89	174	295	477	631	790	838	579	305	105	19	4321
Loa	39	96	137	259	410	523	655	710	492	278	89	35	3723
Manti	26	76	149	287	447	605	762	798	548	288	100	20	4106
Nephi	34	115	203	349	518	652	780	845	585	322	136	32	4571
Panguitch	43	99	141	288	447	534	644	692	502	325	122	27	3864
Richfield KSVC	50	135	206	M	490	595	758	788	568	369	155	46	
NORTHERN MOUNTAINS													
Coalville	17	93	126	236	442	535	686	690	471	272	88	25	3681
Heber	16	50	120	223	411	540	687	715	488	287	87	9	3633
Morgan	33	61	124	251	466	597	727	725	484	322	97	17	3904
Olmstead PH	23	101	145	285	491	699	846	890	603	312	105	40	4540
Scofield	8	23	30	107	285	418	550	593	365	168	27	5	2579
Silver Lk. Brighton	11	32	17	49	173	325	515	561	278	90	17	6	2074
Woodruff	10	24	65	159	365	478	774	640	419	232	48	2	3216
UINTA BASIN													
Duchesne	21	74	193	315	502	625	772	792	561	312	53	0	4220
Fort Duchesne	7	64	176	295	507	646	803	808	563	295	65	1	4230
Roosevelt	8	96	199	322	539	657	814	837	581	287	64	3	4407
SOUTHEAST													
Blanding	38	72	181	331	529	703	830	825	624	333	103	43	4612
Ferron	11	43	174	290	488	668	806	811	606	290	87	13	4287
Green River Avn.	21	119	304	445	658	724	890	M	M	398	160	70	
Hanksville	78	123	310	442	642	718	872	889	683	415	168	79	5419
Moab 4 NW	124	158	333	509	719	795	928	968	790	498	234	105	6161
Price Warehouse	5	62	151	322	521	699	837	863	619	319	84	15	4497

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.
M-Missing data.

CATTLE PRICE INDICES AND USES

Prepared by Dr. Donald L. Snyder,
Economics Department, Utah State University

Prices for most agricultural commodities generally change many times during a year. However, some changes in price are quite predictable, and are referred to as seasonal variations or changes. These changes follow a more or less uniform pattern within the period of a year. Seasonal price movements are a direct reflection of seasonal changes in marketing and/or consumption patterns. For instance, most calves are sold during the fall, consistent with biological factors and management practices, which reduces the price since supply expands relative to demand during that period.

While owners do have an option of selling their calves and cull cows any time during the year, most sell at the conclusion of the summer and fall grazing periods. Some owners do sell at different times during the year, influenced in part by some analysis of "expected" changes in profitability. A producer may adjust his program to match seasonal price peaks, in an attempt to maximize profits. Some producers are able to make some profitable adjustments; others cannot, because of physical or biological constraints.

Because prices often change dramatically from year-to-year, seasonal changes are most often presented in the form of a price index. Price indices are helpful for at least two reasons. First, indices remove differences in average price levels from year-to-year that would not be removed if actual prices were used. Second, indices can be reconverted into prices very easily. In determining a simple index, an average week is given a value equal to one (1.0). Weeks that consistently have prices higher than the average, receive a value greater than 1.0; while those weeks where the price is consistently lower than the average, receive a value of less than 1.0. For instance, an index value of .95 signifies that the price, during that particular week or month, was 5 percent lower than the average for the year. The reverse holds true for time intervals with values greater than 1.0.

Seasonal price indices have a number of uses. First, seasonal changes in price can be used to estimate price movements during the coming year, using only simple algebra. Assume that January's price, for 500 pound feeder steers, is $60.00 per hundredweight (cwt.); and that January's index value is .95. Suppose, further, that the index value for April was 1.07. An estimate of April's cash price could be calculated, using the following ratio:

$$\frac{\text{Price in January}}{\text{Index Value in January}} = \frac{\text{Price in April}}{\text{Index Value in April}}$$

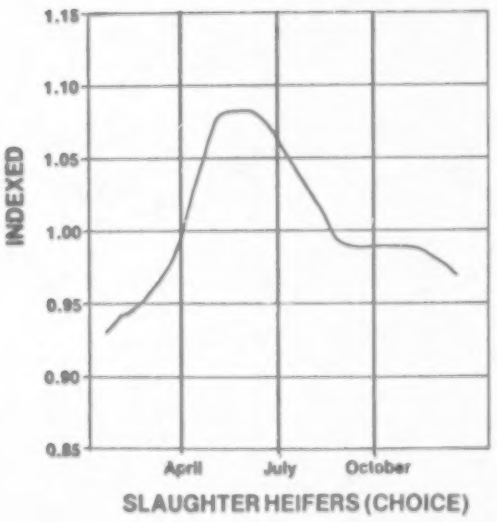
For our example,

$$\frac{\$60}{.95} = \frac{?}{1.07} \quad \text{or} \quad \frac{\$60}{.95} \times 1.07 = \$67.57$$

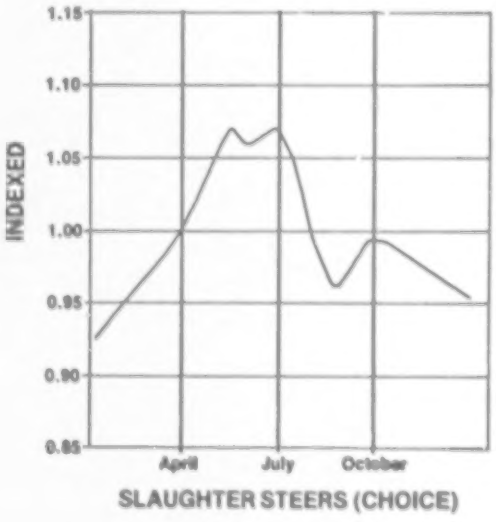
where $67.57 is an estimate of the price of 500 pound feeder steers in April. A price estimate for any other time can be estimated in a similar manner. The accuracy of an estimate, in a given year, depends on the physical characteristics of the market for that year. Many factors influence the price of beef. Therefore, price estimates, based on historical data, should be tempered by other relevant data.

Another use of a price index is in the development of a marketing plan. A marketing plan should include consideration of the most profitable commodity to produce, the most appropriate production practices, and the most profitable time to sell the commodity chosen. A seasonal price index can often be helpful in determining the most advantageous "selling" period. A manager can examine the current price, the expected change in price, and develop a selling strategy once costs are adequately accounted for.

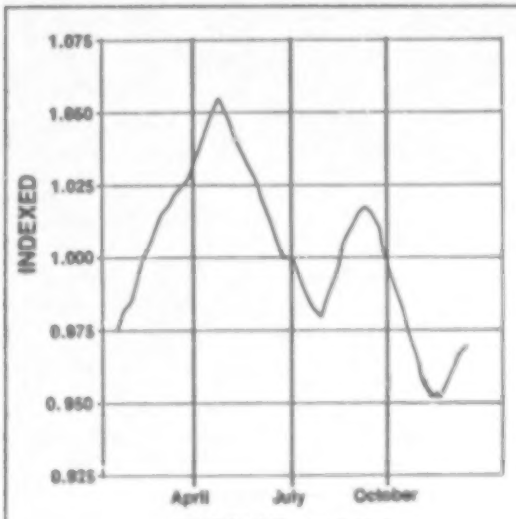
Price patterns for six classes of cattle are provided--400 pound feeder heifers, 400 and 700 feeder steers, slaughter cows, slaughter heifers, and slaughter steers. A brief narrative is provided with each figure.



Slaughter Heifers: A rather unique prices pattern is exhibited for slaughter heifers. The price peak occurs during the latter part of April, through May, and into June. No significant upward price movement occurs throughout the remainder of the year. The index ranges from a low of .93 to a high of 1.07.

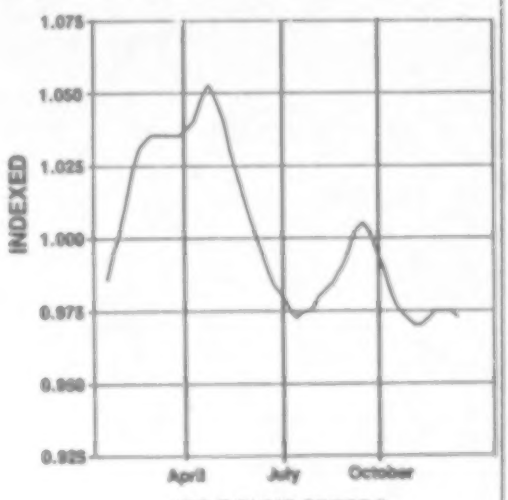


Slaughter Steers: Prices are strong through May and June and into the first part of July. A second surge occurs in late September or early October. The index ranges from a low of .93 to a high of 1.06.



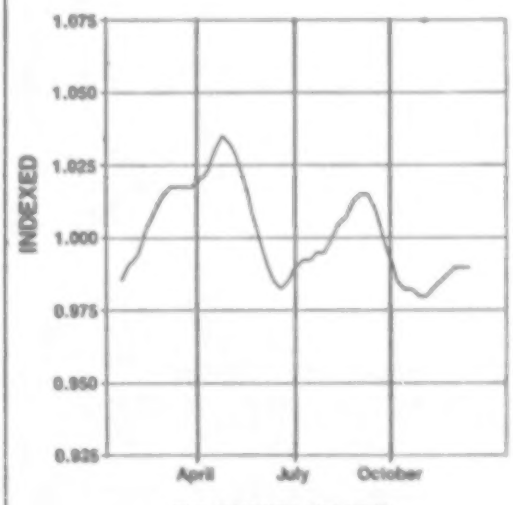
400 POUND HEIFERS

400 Pound Heifers: Prices generally peak in the month of May and the months of August/September. The index ranges from a low of .95 to a high of 1.055. The seasonal low occurs during the month of November.



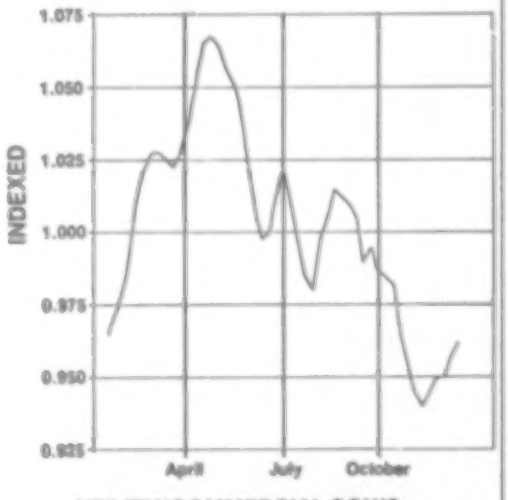
400 POUND STEERS

400 Pound Steers: From the first part of March through the first part of May, prices are above the average for the year. However, prices generally peak during the latter part of April and the first part of May. A second increase occurs during the month of September. The index ranges from a low of .97 to a high of 1.05.



700 POUND STEERS

700 Pound Steers: Prices usually reach their annual high during the latter part of April and the first part of May for the heavier weight steers, although prices are above the average from March through May. A second price increase occurs during September. The index ranges from a low of .98 to a high of 1.03. Note that prices are not as variable during the year for the heavier weight steers.



UTILITY/COMMERCIAL COWS

Commercial/Utility Cows: The highest prices during the year are usually received during the latter part of April and the first two weeks of May, although prices are generally above the average from February through June. Note the erratic price movement for slaughter cows as well as the relatively wide fluctuations in price. The index moves from an annual low of .93 to a high of 1.07.

LIVESTOCK ENTERPRISE BUDGETS

Prepared by the Economics Department, Utah State University

Dr. Doyle J. Matthews, Dean, College of Agriculture
Dr. W. Cris Lewis, Head, Department of Economics

Note: One of the most helpful additions to "Utah Agricultural Statistics" has been the enterprise budgets prepared by the Economics Department at Utah State University. Using the cost and income figures, presented in the model, it is possible for individual producers to compare his operation with the average, and to get some idea of his potential profit/loss picture. This year, the budgets represent some of Utah's most important agricultural enterprises. Together, beef and dairy sales make up more than half of Utah's cash receipts to farming. Budgets, on both of these areas, are presented. In addition, all of our most important crops are covered. Wheat, barley, alfalfa hay, and even corn silage are included for the use of farmers and ranchers around the state. If there are questions or suggestions regarding these budgets, please call Dr. Don L. Snyder on (801) 750-2305.

Cow-Calf Average Receipts, Costs, and Net Returns Per Cow--300 Head Herd Utah, 1982

	$/Cow
Receipts*	
425 lb. Steer Calf @ $.72/lb. (.4 per cow)	122.40
375 lb. Heifer Calf @ $.66/lb. (.2 per cow net of replacements)	49.50
900 lb. Cull Cow @ $.40/lb. (.2 per cow)	72.00
Total	243.90
Variable Costs	
Feed Alfalfa - 2 tons @ $55/ton	110.00
Grass Hay - .5 ton @ $40/ton	20.00
Public Grazing - 5 AUM's @ $1.41/AUM	7.05
Private Grazing/Aftermath - 2 AUM's @ $8.50/AUM	17.00
Protein Supplement 100 lbs. @ $.11/lb.	11.00
Salt and Minerals	1.50
Vet and Medicine	2.75
Hauling and Marketing	7.50
Fuel, Repairs	15.60
Labor - 9 hours @ $3.25	29.25
Total	221.65
Fixed Costs	111.79
Total Costs	333.44
Net Returns to Owner Management and Land	(89.54)

Dairy Cow Budgets - 100 to 120 Head Herd

Utah, 1982

Cow Production (Annual)	10,000 Pounds	12,000 Pounds	14,000 Pounds	16,000 Pounds	18,000 Pounds
Revenue (Per Head)					
3.5% milk @ $12.50/cwt.	1,250	1,500	1,750	2,000	2,250
Cull Cow 1/	196	196	196	196	196
Bull Calf 2/	30	30	30	30	30
Heifer Calf 3/	50	65	68	70	80
Total Revenue	1,526	1,791	2,044	2,296	2,556
Variable Cost (Per Head)					
Feed	562	602	650	704	761
Vet & Medicine	35	35	35	35	35
Supplies & Miscellaneous	60	60	60	60	60
Breeding	15	20	25	30	35
Utilities	36	37	38	39	40
Labor @ $5.00/hr.	250	250	250	250	250
Hauling and Marketing @ $.45/cwt.	45	54	63	72	81
Interest on Operating Capitol	50	53	56	59	63
Total Variable Cost	1,053	1,111	1,177	1,249	1,325
Fixed Cost (Per Head)					
Cow Replacement - 1/3 of Value	300	332	366	400	433
Facilities - 18% of $175,000	274	274	274	274	274
Equipment - 25% of $50,000	109	109	109	109	109
Total Fixed Cost	683	715	749	783	816
Returns (Per Head)					
Return to Management	-210	-35	118	264	415
Return to Management with $.50/cwt Tax	-260	-95	48	184	325
Return to Management with $1.00/cwt Tax	-310	-155	-22	104	235
Per Cwt.					
Revenue	15.26	14.93	14.60	14.35	14.20
Variable Cost	10.53	9.26	8.41	7.81	7.36
Fixed Cost	6.83	5.96	5.35	4.89	4.53
Returns to Management	-2.10	-.29	.84	1.65	2.31
Returns to Management with $.50/cwt Tax	-2.60	-.79	.34	1.15	1.81
Returns to Management with $1.00/cwt Tax	-3.10	-1.29	-.16	.65	1.31

1/ Assuming 33% turnover, 1,400 pound cows and a price of $42.00/cwt.

2/ 0.45 head per year assuming 50% bulls and 10% death loss. Price assumed at $65.00 per cwt.

3/ 0.45 head per year. Price increases as herd productivity increases.

Estimated Receipts, Costs, and Net Returns for Alfalfa Hay
Produced on Class II Irrigated Cropland
Utah, 1982

Item	Rate	Times Operation Performed	Labor 1/	Power and Machinery	Materials and Service	Total
			- - - - - - - - $/Acre - - - - - - - -			
Receipts:						
Alfalfa						
5 Ton/Acre	$60.00/ton					300.00
Byproducts						
.25 AUM	$ 8.00/AUM					2.00
Total						302.00
Variable Costs:						
Fertilizer 35 Units P	$ .22/unit	1			7.70	7.70
Application		1			3.00	3.00
Water, Operation, and Maintenance					9.00	9.00
Ditching, Corrugation		1			5.00	5.00
Irrigation		4	6.00		6.00	12.00
Swathing	$ 5.00/ton	3	3.00	22.00		25.00
Baling	$10.00/ton	3	7.00	35.00	8.00	50.00
Hauling	$10.00/ton	3	10.00	40.00		50.00
Interest	14% for 6 mos.					11.32
Total						173.02
Fixed Cost 2/:						
Land Taxes 3/	$80.00 Assessed Value					5.60
Other						10.50
Total						16.10
Total Costs						189.12
Net Returns to Land and Operator Management						112.88

1/ Labor charged at $5.00 per hour.

2/ This table assumes there is no cost for establishment of the alfalfa stand.

3/ Mill levy assumed to be 70 mills.

Estimated Receipts, Costs, and Net Returns for Barley
Produced on Class II Irrigated Cropland
Utah, 1982

Item	Rate	Times Operation Performed	Labor 1/	Power and Machinery	Materials and Service	Total
				$/Acre		
Receipts:						
Barley (85 Bushels)	$ 2.50/Bushel					212.50
Byproduct 2/ Straw	$ 4.00/Acre					4.00
Total						216.50
Variable Costs:						
Fertilizer (80 Units N)	$ .26/Unit					20.00
Application		1			3.00	3.00
Plowing		1	2.50	12.50		15.00
Disking and Harrowing		1	1.00	6.00		7.00
Planting		1	1.00	4.00		5.00
Seed (90 lbs.)	$11.50/cwt.	1			10.35	10.35
Water, Operation, and Maintenance					7.00	7.00
Irrigation		2	2.50		2.50	10.00
Spraying (Custom)		1		3.00	5.00	8.00
Combing (Custom)		1			22.00	22.00
Hauling (Custom	$ .25/cwt.	1			10.62	10.62
Interest	14% for 6 mos.					8.31
Total						127.08
Fixed Cost:						
Land Taxes 3/	$80.00 Assessed Value					5.60
Other						10.50
Total						16.10
Total Costs						143.18
Net Returns to Land and Operator Management						73.32

1/ Labor charged at $5.00 per hour.

2/ This is an estimated net value of the straw when returned to the land. If baled and hauled for winter bedding use, then added cost would be incurred.

3/ Mill levy assumed to be 70 mills.

Estimated Receipts, Costs, and Net Returns for Corn Silage
Produced on Class II Irrigated Cropland
Utah, 1982

Item	Rate	Times Operation Performed	Labor 1/	Power and Machinery	Materials and Service	Total
				$/Acre		
Receipts:						
Corn Silage 17 Tons	$20.00/ton					340.00
Variable Costs:						
Fertilizer						
150 Units N	$ .26/Unit				39.00	39.00
50 Units P	$ .22/unit				11.00	11.00
Application		1			3.00	3.00
Plowing 2 Acres/Hr.		1	2.50	12.00		14.50
Disking and Harrowing		1	1.00	6.00		7.00
Planting		1	1.00	4.00		5.00
Cultivation and Furrowing		2	2.00	6.00		8.00
Seed (25 lbs.)		1			20.00	20.00
Water, Operation, and Maintenance					10.00	10.00
Irrigation		4	8.00		8.00	16.00
Spraying (Custom)		1		3.00	5.00	8.00
Chopping	$ 2.50/ton	1	8.00	34.50		42.50
Hauling (Custom)	$ 2.75/ton	1	16.75	30.00		46.75
Interest	14% for 6 mos.					16.15
Total						246.90
Fixed Cost:						
Land Taxes 2/	$80.00 Assessed Value					5.60
Other						10.50
Total						16.10
Total Costs						263.00
Net Returns to Land and Operator Management						77.00

1/ Labor charged at $5.00 per hour.

2/ Mill levy assumed to be 70 mills.

Estimated Receipts, Costs, and Net Returns for Wheat
Produced on Class III Nonirrigated Cropland
Utah, 1982

Item	Rate	Times Operation Performed	Labor 1/	Power and Machinery	Materials and Service	Total
			$/Acre			
Receipts:						
Wheat (Hard Red) 12% Protein 35 Bushels	$3.75/Bushel					131.25
Variable Costs:						
Fertilizer 40 Units N	$ .26/Unit				10.40	10.40
Application		1			2.00	2.00
Plowing (chisel)		1	2.00	10.00		12.00
Rod Weeding		1	.50	5.50		6.00
Disking		1	.50	9.50		10.00
Drilling		1	.50	7.50		8.00
Seed (60 lbs.)	$13.00/cwt.			3.00	3.00	6.00
Spraying Airplane		1		3.00	3.00	6.00
Combing		1			18.00	18.00
Hauling		1				4.05
Interest	14% for 6 mos.					7.23
Total						91.48
Fixed Cost:						
Land Taxes 2/	$20.00 Assessed Value					1.40
Other						9.00
Total						10.40
Total Costs						101.88
Net Returns to Land and Operator Management						29.37

1/ Labor charged at $5.00 per hour.

2/ Mill levy assumed to be 70 mills.

U.S. DEPARTMENT OF AGRICULTURE

STATISTICAL REPORTING SERVICE

P.O. BOX 11486, FEDERAL BUILDING

SALT LAKE CITY, UTAH 84147

Utah
CROP & LIVESTOCK
REPORTING
SERVICE

Phone: (801)524-5003

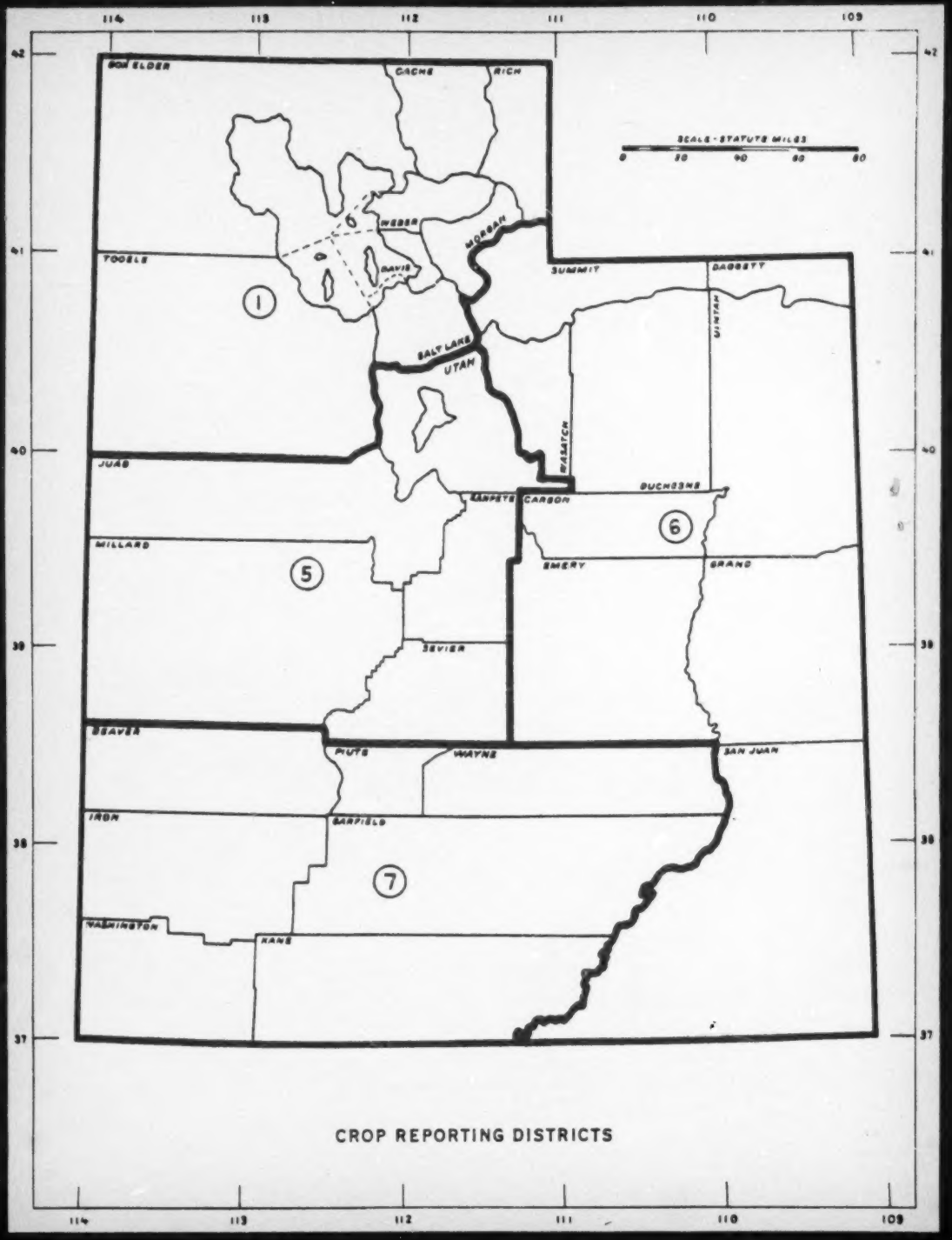
The following reports will be published by this office:

Report	Release Date
Annual Summaries (Crop, Cattle, and Dairy)	January & February
Utah Agriculture (covers a wide range of farm topics, including all of the information previously carried in our single topic releases).	Twice Monthly
Weekly Crop-Weather	Every Monday April-October

Information for receiving the above reports can be obtained by writing this office, or you may telephone (801)524-5003.

Wilbur N. Sherman

WILBUR N. SHERMAN
Statistician in Charge



CROP REPORTING DISTRICTS

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